CONSTRUCTION NEWS

PROPOSALS

For proposals Advertised see the pages immediately following the "Construction News" Section.

WATERWORKS

Bids Close		See Eng. News-Record
Oct. 3	St. Paul, Minn.	Sept. 29
Oct. 3	New Haven, Mo.	Sept. 29
Oct. 4	Norfolk, Neb.	Sept. 29
Oct. 4	Kewanee, Ill.	Sept. 29
Oct. 7	Collinsville, Ill.	Sept. 1
Oct. 7	Elkins, W. Va. Adv. Sept. 29.	Sept. 29
Oct. 13	Harrisburg, Pa. Adv. Sept. 22 and 29.	Sept. 29
Oct. 24	Milwaukee, Wis. Adv. Sept. 29.	Sept. 29
Oct. 24	Salem, N. J. Adv. Sept. 29.	Sept. 29

SEWERS

Oct. 3	Brownville, N. Y.	Sept. 15
Oct. 4	Clifton, N. J.	Sept. 8
Oct. 4	Toledo, O.	Sept. 15
Oct. 4	Cary, Ill.	Sept. 29
Oct. 4	East St. Louis, Ill.	Sept. 29
Oct. 6	Shaker Heights, O.	Sept. 22
Oct. 6	New York, N. Y.	Sept. 29
Oct. 11	Passaic, N. J.	Sept. 22
Oct. 11	Hagerstown, Md.	Sept. 22
Oct. 18	Greenwood, Miss. Adv. Sept. 29.	Sept. 29
Oct. 18	Passaic, N. J.	Sept. 29

BRIDGES

Oct. 3	San Bernardino, Cal.	Sept. 22
Oct. 3	Wyoming	Sept. 22
Oct. 4	Illinois	Sept. 22
Oct. 4	Le Mars, Ia.	Sept. 29
Oct. 6	Springfield, Mass.	Sept. 22
Oct. 6	Florida	Sept. 29
Oct. 7	Florida	Sept. 29
Oct. 8	Florida	Sept. 29
Oct. 10	Ebensburg, Pa.	Sept. 29
Oct. 10	Spanishburg, W. Va.	Sept. 29
Oct. 10	North Carolina	Sept. 29
Oct. 14	Detroit, Mich.	Sept. 22
Oct. 14	Ohio	Sept. 29
Oct. 19	Tuscaloosa, Ala.	Sept. 29

DAMS

Oct. 3	New Haven, Conn	Sept. 29

EXCAVATION AND DREDGING

Oct. 3	Olney Springs, Col.	Sept. 29
Oct. 3	Flint, Mich.	Sept. 29
Oct. 4	Trenton, N. J.	Sept. 8
Oct. 4	Boise, Idaho	Sept. 15
Oct. 4	Portage, Wis.	Sept. 29
Oct. 7	Windom, Minn.	Sept. 29
Oct. 8	Mason City, Ia.	Sept. 29
Oct. 10	Durham, N. C.	Sept. 10
Oct. 12	Baton Rouge, La.	Sept. 22
Oct. 12	Stratford, Pa.	Sept. 29
Oct. 13	Springfield, Mass.	Sept. 29
Oct. 14	Portage, Wis.	Sept. 29
Oct. 15	Phila., Pa.	Sept. 29
Oct. 15	Memphis, Tenn.	Sept. 29
Oct. 15	Osawatomie, Kan.	Sept. 29
Oct. 15	Atlantic City, N. J.	Sept. 29
Oct. 20	Washington, D. C.	Sept. 29

STREETS AND ROADS

Oct. 1	Montreal, Que.	Sept. 29
Oct. 1	New Martinsville, W. Va.	Sept. 29
Oct. 3	Klamath Falls, Ore. Adv. Sept. 8 to 29.	Sept. 8
Oct. 3	Harrisonburg, La.	Sept. 8
Oct. 3	California	Sept. 22
Oct. 3	Connecticut Adv. Sept. 29.	Sept. 29
Oct. 3	Missouri	Sept. 29
Oct 4	Minnesota	Sept. 15
Oct. 4	Illinois	Sept. 22
Oct. 4	Massachusetts	Sept. 22
Oct. 4	Jefferson City, Mo.	Sept. 29
Oct. 4	Massachusetts	Sept. 29
Oct. 4	St. Joseph, Mo.	Sept. 29
Oct. 4	Le Mars, Ia.	Sept. 29
Oct. 4	Ridgeland, S. C.	Sept. 29
Oct. 4	Pt. Lavacca, Tex.	Sept. 29
Oct. 4	Minneapolis, Kan.	Sept. 29
Oct. 5	Providence, R. I.	Sept. 22
Oct. 5	Missouri	Sept. 29
Oct. 5	Cleveland, O.	Sept. 29
Oct. 5	Wisconsin	Sept. 29
Oct. 5	Independence, Ia.	Sept. 29
Oct. 5	Beaufort, S. C.	Sept. 29
Oct. 6	Webster Springs, W. Va.	Sept. 22
Oct. 6	Pecos, Tex.	Sept. 22
Oct. 6	Winnsboro, S. C.	Sept. 29
Oct. 6	Terrell, Tex.	Sept. 29
Oct 6	Long Island City, N. Y.	Sept. 29
Oct. 6	New York, N. Y.	Sept. 29
Oct. 7	Belleville, Kan.	Sept. 8
Oct. 7	New York Adv. Sept. 22 and 29.	Sept. 29
Oct. 7	Barnwell, S. C.	Sept. 29
Oct. 8	Nephi, Utah	Sept. 29
Oct. 8	Wenatchee, Wash.	Sept. 29
Oct. 8	Ft. Davis, Tex.	Sept. 29
Oct. 8	Eldorado, Tex.	Sept. 29
Oct. 8	Athens, Tex.	Sept. 29
Oct. 10	Martinsville, Va.	Sept. 29
Oct. 10	Muskogee, Okla.	Sept. 29
Oct. 10	Hartsdale, N. Y. Adv. Sept. 29.	Sept. 29
Oct. 10	Jefferson City, Mo.	Sept. 29
Oct. 10	Odessa, Tex.	Sept. 29
Oct. 10	Midland, Tex.	Sept. 29
Oct. 10	Stanton, Tex.	Sept. 29
Oct. 10	North Carolina	Sept. 29
Oct. 11	Leavenworth, Kan.	Sept. 8
Oct. 13	Weehawken, N. J.	Sept. 15
Oct. 14	Belleville, Kan.	Sept. 15
Oct. 14	Ohio	Sept. 29
Oct. 17	Alabama	Sept. 15
Oct. 17	Los Angeles, Cal.	Sept. 29
Oct. 17	Southport, N. C. Adv. Sept. 15 and 29.	Sept. 29

INDUSTRIAL WORKS

Oct. 4	Oklahoma City, Okla.	Sept. 29

BUILDINGS

Oct. 4	Pineville, La.	Sept. 15
Oct. 4	Lawrence, Kan.	Sept. 29
Oct. 4	Springfield, Mo.	Sept. 29
Oct. 4	Oklahoma City, Okla.	Sept. 29
Oct. 4	Blue Island, Ill.	Sept. 29
Oct. 5	Boston, Mass.	Sept. 29
Oct. 7	Poughkeepsie, N. Y.	Sept. 29
Oct. 8	Kirksville, Mo.	Sept. 29
Oct. 10	Harrisburg, Ill.	Sept. 22
Oct. 11	Providence, R. I.	Sept. 22
Oct. 11	Marshalltown, Ia.	Sept. 29
Oct. 12	Merrill, Wis.	Sept. 29
Oct. 13	Springfield, Mass.	Sept. 29
Oct. 14	Sioux Falls, S. D.	Sept. 29
Oct. 18	Three Lakes, Wis.	Sept. 29
Oct. 20	Lorain, O.	Sept. 29
Oct. 24	Cleveland, O.	Sept. 8
Jan. 15	Laramie, Wyo.	Sept. 29
Feb. 1	Williamsport, Pa.	Sept. 8

FEDERAL GOVERNMENT WORK

Sept. 30	Gate Locks and Valves—Rock Island, Ill. Adv. Sept. 8 to 29.	Sept. 8
Oct. 4	Refrigerating Plant—Key West, Fla.	Sept. 15
Oct. 5	Power House, etc.—Chemawa, Ore.	Sept. 22
Oct. 6	Alterations to Post Office, etc.—Springfield, Mo.	Sept. 15
Oct. 10	Plumbing System—Memphis, Tenn. Adv. Sept. 22 and 29.	Sept. 22
Oct. 12	Lighting Plant, etc.—Port Townsend, Wash.	Sept. 22
Oct. 12	Storehouse — Anacostia, D. C.	Sept. 29
Oct. 12	Operating Building — Port Arthur, Tex.	Sept. 29
Oct. 12	Water Supply Main—Quantico, Va.	Sept. 29
Oct. 13	Heating System — Hull, Mass.	Sept. 29
Oct. 15	Revetment — Jacksonville, Fla. Adv. Sept. 22 and 29.	Sept. 22
Oct. 17	Recreation Building—Chicago, Ill. Adv. Sept. 29.	Sept. 29
Oct. 18	Mailing Vestibule—Sioux City, Ia.	Sept. 29
Oct. 19	Repairs — Ft. Stanton, N. M.	Sept. 29
Oct. 20	Fire Alarm System—North Little Rock, Ark.	Sept. 29
Oct. 22	Emergency Dams — Seattle, Wash. Adv. Sept. 29.	Sept. 29

MISCELLANEOUS

Oct. 3	Gravel—Leesville, La.	Sept. 22
Oct. 4	Cranes, etc.—Stapleton, S. I., N. Y.	Sept. 8
Oct. 4	Dragline Machine—Greenville, Miss. Adv. Sept. 15 to 29.	Sept. 15
Oct. 4	Inorganic Dust—New York, N. Y.	Sept. 29
Oct. 10	Dock Walls, etc. — Buffalo, N. Y.	Sept. 29
Oct. 14	Electrical Equipment — Detroit, Mich. Adv. Sept. 29.	Sept. 29
Oct. 20	Incinerator — Montreal, Que.	Sept. 29
Oct. 22	Cut Stone—Wash., D. C. Adv. Sept. 29.	Sept. 29
Oct. 26	Jetty — New Westminster, B. C.	Sept. 29

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk or corresponding official.

Waterworks

PROPOSED WORK

Pa., Oakmont—Suburban Water Co. plans additions to pumping facilities. $80,000. J. N. Chester, Union Bank Bldg., Pittsburgh, engrs.

Pa., Reading—Making plans pumping station, pumps, equipment, etc. $150,000. L. T. Klauder, Pennsylvania Bldg., Phila., engr.

N. C., Asheville—Water and sewerage systems in Grove Park, to Kelly, Wilson & Creasman Plumbing Co., Asheville, $111,000.

S. C., Walhalla—Election Oct. 4, to vote on $95,000 bonds for waterworks. J. B. McCrary Eng. Co., 3d Natl. Bank Bldg., Atlanta, Ga., engrs.

Ill., Rock Island—Plans 4 and 6 in. c.i. mains in 22d and 37th Sts. $27,000. W. Treichler, 4409 7th Ave., engr.

Wis., Rhinelander—Will take bids next spring for 10,905 ft. mains in Briggs, Minola, Curran and Monico Sts. $32,727. A. Moe, clk. Engineer not selected.

Waterworks (Continued)

Kan., Centralia—Takes bids soon waterworks. $60,000. R. H. Hammond Co., 605 Gumbel Bldg., St. Louis, Mo., engrs.

S. D., Wall—Making plans waterworks, including dam, reservoir, filter, and 25,000 bbl. steel tank on 100 ft. tower. $17,000. H. R. Albion, Deadwood, engr.

Mo., Liberty — Having plans prepared 233,000 gal. capacity steel and pipe, water softening plant, two 500,000 gal. capacity electric driven low service pumps, two 500,000 gal. capacity electric driven high service pumps, $60,000. W. E. Barnes, Liberty, engr.

Tex., Cameron—See "Sewers."

Okla., Fairland—Election in October to vote on $65,00 bonds for addition to waterworks. H. G. Olmstead & Co., 415 Oil Exch. Bldg., Oklahoma City, engrs. Noted Sept. 22.

Okla., Pawhuska — Making plans for pumping stations, reservoir and mains. $177,000. W. I. Broaddus, clk. H. G. Olmsted & Co., Trademans Bank Bldg., Oklahoma City, engrs. Noted Sept. 1.

Okla., Tulsa—Having surveys made for 65 mi. pipe line, dam and reservoir. Holway Eng. Co., Tulsa, engrs.

Utah, Salem—Will soon take bids for flow line and distributing system with small concrete reservoir. $21,000. McGonagle & Ullrich, Deseret Bank Bldg., Salt Lake City, engrs. Noted Sept. 8.

Utah, Salt Lake City—Having plans prepared rein.-con. reservoir on Sunnyside Ave. near mouth of Emmigration Canyon. $75,000. S. Q. Cannon, City Bldg., engr.

BIDS DESIRED

N. J., Salem—Oct. 24, by W. B. Dunn, city recdr., high and low service pumping machinery. W. H. Boardman, 426 Walnut St., Phila., engr.; adv. this issue.

Pa., Harrisburg—Oct. 13, by City Council, extending and improving water works, Contrs. A, B, C and D; S. F. Hassler, supt. pub. safety; adv. this issue.

W. Va., Elkins—Oct. 7, waterworks system. B. Kress, 8 & 9 Fair Bldg., engr.; adv. this issue.

Ill., Kewanee—Oct. 4, six in. c.i. mains in South Lang, Gilbert and George Aves. $25,000. J. Palmer, City Hall, engr. Noted Aug. 4.

Wis., Milwaukee—Oct. 24, by P. Braman, comr. pub. wks., pumping machinery for Riverside pumping station; adv. this issue.

Minn., St. Paul—Oct. 3, by H. W. Austin, city purch. agt., 139 ton water pipe, special castings, c.i. gate valves, service connection boxes, 400 bbl. Portland cement and 95 ft. 12 in. vitr. sewer pipe. O. Claussen, city engr.

Neb., Norfolk—Oct. 4, 4 and 6 in. c.i. pipe, 22 hydrants, 11 valves, and 6,057 fittings, $29,196. H. H. Tracy, Norfolk, engr.

Mo., New Haven—Oct. 3, for 4,000 ft. 4 in. Class B c. i. pipe, 1,400 lb. special castings, 7 double nozzle fire hydrants, three 4-in. gate valves with boxes, 100 lb. dry jute or hemp yarn and 700 lb. leadite or metallum. Fuller & Beard, Chemical Bldg., St. Louis, engrs.

BIDS RECEIVED

N. Y., S. I., St. George—C. D. Van Name, pres. Richmond Boro, Boro Hall, mains and appurtenances in Crescent, Guyon, Garretson and Wandel Aves., Nicholas St., Old Town and Willowbrook Rds., also Evelyn Pl., from G. Gloriana, 426 Bowery, New York, $26,285; N. De Stephano, $26,599; Knight & DeMicco, Inc., 448 East Tremont Ave., New York, $27,700. Noted Sept. 22.

O., Cleveland—Comrs. Cuyahoga Co. (1) 1 story, 21 x 26 ft. brick pumping station, (2) two 2,000,000 gal. centrifugal pumps, (3) 44,520 ft. 4-12 in. c. i. water pipe, (4) 86 x 158 ft. rein.-con. storage reservoir, 1,500,000 gal. capacity, from A. S. Hecker, 8901 Union Ave., (1) $4,492, (4) $44,559; R. G. Backus, Citizens Bldg., (2) $9,792; Post Constr. Co., Fairchild Ave., (3) $187,000; D. Pfahl Co., Guardian Bldg., (3) $205,000.

CONTRACTS AWARDED

Mass., West Springfield—Water Supply Comrs., 5,000 ft. 16 in. c.i. water pipe from Piper Reservoir down Kings Highway to Elm and Park Sts., Kelso Ave., and then direct into repair shops of Boston & Albany R.R. Work will be done by day labor.

Conn., Bristol—Bd. Water Comrs., 201 City Hall, New Britain, sinking tubular wells near White Bridge, here, in connection with the new water system for New Britain, to A. W. Drake Drilling Co., Scranton, Pa., $6,000. Total cost $4,000,000. Noted Sept. 1.

Conn., New Britain—Bd. Water Comrs., 201 City Hall, core borings at Shuttle Meadow Dam, here and Southington, in connection with new water system, to Giles Drilling Co., 30 Church St., New York, $5,000. Total cost $4,000,000. Noted Sept. 1 under "Miscellaneous."

N. Y., S. I. St. George—N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York, hauling and laying mains in Arden, Clinton, Catlin, Finley, Division, Grandview, Greeley, Highland and Lyman Sts., etc., Annadale, Belair, four corners, Great Kills, Helena and Mill Rds., also Hooker Pl., to Knight & De Micco, 448 East Tremont Ave., New York, $35,790. Noted Sept. 15.

Minn., St. Paul—For 800 lengths 6 in. c. i. pipe, to Glamorgan Pipe Co., The Rookery, Chicago, $43.10 per ton, $8,000. Noted Sept. 1.

Sewers

PROPOSED WORK

R. I., Providence — Making preliminary plans 24 in. and 36 in., brick and concrete sewer connecting to present system and supplying needs of northwestern section and adjoining suburbs. $130,000. M. H. Brousdon, city engr.

N. Y., Wilson—Having preliminary surveys made for sewerage system. $50,000. Hopkins & Field, 349 Cutler Bldg., Rochester, engrs.

S. C., Walhalla—Election Oct. 4, to vote on $30,000 bonds for sewerage system. J. B. McCrary Eng. Co., 3d Natl. Bank Bldg., Atlanta, Ga., engrs.

Fla., Chipley—Making plans sanitary and storm sewers in various streets, $40,000. J. Boyd, c/o State Highway Dept., Montgomery, Ala., engr.

Ala., Troy—Plans election to vote on $25,000 bonds for sewerage system extension, also some curb and gutter work. J. Boyd, Highway Dept., Montgomery, engr.

O., Columbus — City and Franklin Co. plan sewerage system to carry away sewage now emptied into Torrence Run. $75,000. R. H. Simpson, City Hall, engr.

Ill., La Salle—Making plans 10-20 in. vitr. or concrete tile sewers in Lafayette St. $27,000. E. Bryne, city engr.

Ill., Rockford—Making plans double intercepting sewerage system and disposal plant. $820,000. Alvord & Burdick, 8 South Dearborn St., Chicago, engrs. Noted Sept. 22.

Wis., Appleton—Making plans for 1.9 mi. 6, 8 and 10 in. trunk sewers in Atlantic, Richmond and Packard Sts. $30,000. O. A. Weissgerber, city engr.

Wis., Ripon—Making plans rebuilding septic tank, $25,000. C. R. Koudy, City Hall, engr. Noted Sept. 8.

Ia., Charles City—Plans 8 in. glazed tile sewers in various streets. $25,000. J. S. Dawson, Charles City, engr.

Ia., Dennison—Plans 3,107 ft. 18-30 in. storm sewers in Washington Ave. $25,000. J. Johnson, clk.

Ia., Des Moines—Plans storm sewers in West 39th St. $30,000. J. M. Tipee, City Hall, engr.

Ia., Newton—Jasper Co. making plans sewerage system. $400,000. S. R. Sterling, 1521-31st St., Des Moines, engr.

Minn., Willmar—Plans storm sewers and water mains in various streets. $15,000. H. Gunderson, clk.

Mo., Jackson—Plans election to vote on $100,000 bonds for sanitary sewerage system. A. C. Moore, 1710 Murphy St., Joplin, engr.

Ark., Piggott—Making preliminary plans for sewers and water works. Bonds for $80,000 to be voted for project. A. C. Moore, 1710 Murphy St., Joplin, Mo., engr.

Tex., Cameron—Plans election to vote on $250,000 bond issue for sewage disposal plant, waterworks and electric light and power plants. Eng. Serv. Co., 606 Sumpter Bldg., Dallas, consult. engrs.

Okla., Pawhuska—Voted $76,000 bonds sewers in various streets. W. I. Broaddus, clk. H. G. Olmsted & Co., Tradesmans Bank Bldg., Oklahoma City, engrs.

BIDS DESIRED

N. Y., New York—Oct. 6, by H. Bruckner, pres. Bronx Boro, sewer and appurtenances in LaSalle Ave. from Eastern Blvd. to Puritan Ave., Crosby Ave. between adjoining sections of LaSalle Ave.; regulating, grading, and laying sidewalks, etc., on East 156th St. from Southern Blvd. to Whitlock Ave.; paving East 186th St. from Arthur to Belmont Aves., sheet asphalt on concrete foundation.

N. J., Passaic—Oct. 18, by Passaic Valley Sewerage Comrs., 128 Market St., Newark central portion of Sect. 19, Sta. 41 plus 00 to Sta. 50 plus 25, Garfield-Wallington-Passaic Branch Intercepting Sewer, here, 925 lin.ft. earth excav. and refilling, in trench, for 42 in. concrete sewer, 800 lin.ft. earth excav. and refilling, in trench for 24 in. concrete sewer, 460 lin.ft. earth excav. and refilling, in trench for 12 in. vitr. sewer, 720 cu.yd. concrete masonry, 3,500 lb. steel for concrete reinforcement, etc. J. R. Van Duyne, ch. engr.

Miss., Greenwood—Oct. 18, by City Clerk storm sewers and appurtenances. F. T Walker, city engr. Adv. this issue.

Ill., Cary—Oct. 4, Bd. Local Impvts sewerage system, 11,153 ft. 8 in., 2,497 ft 10 in. and 2,006 ft. 12 in. pipe, 47 manholes small disposal plant, etc.

Ill., East St. Louis—Oct. 4, sewerage system in McKinley Pl., 6 and 8 in. vitr. clay pipe, etc., $28,000. W. J. Veach, comr Private plans.

Minn., St. Paul—See "Waterworks."

BIDS RECEIVED

N. J., Garfield—Passaic Valley Sewerage Comrs., 128 Market St., Newark, part of Sect. 19 Garfield River-Crossing, (1) lump sum, earth excav., dredging and refilling in trench, etc., (2) lump sum, laying 30 in. c.i. pipe line across Passaic River, (3) 130 cu.yd. concrete masonry, in place with Portland cement mortar, (4) 40 cu.yd. brick masonry, etc., from L. B. Harrison & Co. and Broadhurst Co., Paterson and Hackensack, (1) $27,000, (2) $1,700, (3) $15.40 per cu.yd., (4) $30, total cost $34,495; H. E. Fox Constr Co., 81 East 125th St., New York, (1) $25,000, (2) $4,500, (3) $22, (4) $35, $40,540; Merritt & Chapman Derrick & Wrecking Co. 17 Battery Pl., New York, (1) $30,000, (2) $6,000, (3) $26, (4) $30, $46,155. Noted Sept. 1.

O., Akron—Director Pub. Serv. (1) Northside Interceptor Sewer, (2) Little Cuyahoga Interceptor sewer, (3) sewer in South Arlington St. Dist., from M. H. O'Toole, Akron, (1) $39,601; W. Hunt & Sons, 518 Metropolitan St., (1) $43,223, (2) brick, $87,332; Crane, Darrow & Lombardi, Akron, (1) $43,987; T. E. McShaffrey, Forge St., (2) segment block, $73,787, brick, $74,057, (3) segment block, $68,593, rein.-con., $76,741; Steven & McKeon, Cleveland, $83,928. Noted Sept. 15.

CONTRACTS AWARDED

Mass., Chicopee—Pub. Wks. Dept. City Hall, 1575 ft. vitr. pipe in Bway. through

Sewers (Continued)

Hendricks St. and Huntington Ave., 750 ft. 27 in. vitr. pipe in Munroe Ave. and 1,200 ft. 15 in. vitr. pipe in Waite Ave., $35,000. Work will be done by day labor.

Conn., New Haven—Vitr. sewer extensions in Chapel St., to Dwyer & Mannix, New Haven, $11,317; Fountain St., to Beridino & Monnocchio, 179 Market St., Hartford, $19,202; Wight St., to P. Colwell, 21 Gilbert St., $1,090; South Water St., to United Contg. Co., Colony St., Meriden, $494. Noted Sept. 8.

N. Y., Buffalo—For 5 ft. Amco segment block sewer in Colvin St., to Dark & Co., 654 Main St., $79,777.

N. J., Palmyra—Palmyra Twp. 12 mi. 5-30 in. vitr. sewers, to J. M. Kelly, 509 Federal St., Camden, $93,000. Noted Aug. 25.

N. J., Princeton—Sewage treatment plant, to Dempsey & Hardy, Harrison St., $40,000.

S. C., Greenville—Sewerage system, to Tucker & Laxton, Realty Bldg., Charlotte, $51,961; disposal plant, to Henry Constr. Co., Greenville, $22,852.

O., Canton—Sect. 4 east side intercepting sewer from 8th St. N. E. to 19th St. N. E. and Harrisburg Rd. N. E., 8,240 ft. 8-27 in. pipe, to D. Nickles, 1533 Tuscarawas St. E., $43,560.

O., Ruggles Beach—C. E. Ruggles sewage plant and 1 mi. 15 in. sewers, to A. C. Schultz, Sandusky, $40,000.

Minn., Breckenridge—Trunk line storm sewers in about 15 blocks and lateral storm sewers in about 6 blocks, to J. M. Carroll, Grand Forks, N. D., $18,914. Noted Sept. 8.

Minn., St. Cloud—For sanitary and storm sewers in Impvt. Dist. 547, to E. T. Webster, 437 Beacon St., St. Paul, $39,799. Noted Sept. 15.

Okla., Stillwater—Sewerage sytem and Imhoff disposal plant, 17,000 ft. 12-21 in. pipe, to Municipal Excavator Co., 200 East Main St., Oklahoma City, $28,884. Noted May 12.

Ont., Whitby—See "Streets and Roads."

Bridges

PROPOSED WORK

N. H., Manchester—Making plans steel and concrete highway bridge over Merrimack River, $800,000. Fay, Spofford & Thorndike, 15 Beacon St., Boston, engrs.

Mass., Holyoke—Bd. Pub. Wks. plans steel bridge over canal on Canal St. extension, $25,000. T. J. McCarthy, city engr.

Mass., Holyoke—Bd. Pub. Wks., City Hall opens bids about Oct. 10, 150 ft. rein.concrete and steel bridge, 16 ft. wide, over 1st level canal. $45,000. T. J. McCarthy, city engr.

North Carolina—State Highway Dept., Raleigh, plans 250 ft. rein.-con. bridge over Mills Creek, State Project 648, McDowell Co., $30,000; 300 ft. bridge, probably rein.-con., over Mountain Creek, State Project 644, Rutherford Co., $30,000. C. M. Upham, state highway engr.

Tenn., Clarksville—State Highway Dept., Nashville, takes bids about Oct. 17, steel truss bridge, rein.-con. approaches, over Cumberland River, near here. $500,000. D Q. McComb, ch. engr.

Tenn., Nashville—Making plans rein.-con. viaducts on Church and Meridian Sts. $350,000. Freeland, Roberts & Acker, 1219 Independent Life Bldg., consult. engrs. Noted Jan. 13.

Ill., Sterling—Plans 150 ft. bridge, steel truss spans, concrete abutments, 36 ft. roadway, 1st Ave. $50,000. E. O. Hillis, Court House, Morrison, engr.

Tex., Del Rio—Val Verde Co. takes bids about Oct. 10, bridge over Pecos River, three 150 x 18 ft. steel spans, concrete flooring, 2 rein.-con. abutments and 2 rein.-con. piers, 833 cu.yd. 1:2:4, 491 cu.yd. 1:2 1/2:5 and 114.8 cu.yd. 1:3:6 concrete, 408,900 lb. structural and 67,526 lb. reinforcing steel, etc. $100,000. G. M. Jowers, co. engr.

Col., Denver—Plans viaduct over railroad tracks, on 16th St., to replace present one. Cost between $300,000 and $600,000 and same to be borne by City, Denver Tramway Co., 14th and Arapahoe Sts., Burlington, Denver & Rio Grande R. R. and Colorado Southern R. R., 17th and Welton Sts. J. B. Hunter, City Hall, engr.

BIDS DESIRED

Pa., Ebensburg—Oct. 10, by H. T. Jones, controller Cambria Co., 55 ft. rein.-con. bridge over Bens Creek, Washington Twp., $30,000. H. F. Dorr, Trust Bldg., engr.

W., Va., Spanishburg—Oct. 10, by Comrs. Mercer Co., (Princeton), 420 ft. steel truss bridge, concrete flooring, 16 ft. roadway over Bluestone River, near here. J. R. Rich, co. road engr.

North Carolina—Oct. 10, by State Highway Comn., at div. office Wilmington, bridges and culverts on State Project 517, Columbus Co., 2,022 cu.yd. Class A concrete, 241,690 lb. reinforcing steel, 3,570 ft. untreated timber piles, etc., $75,000; State Project 622, Columbus and Robeson Counties, 1,407 cu.yd. Class A and 63 cu.yd. Class B concrete, 99,823 lb. reinforcing and 112,500 lb. structural steel, 5,600 ft. untreated timber piles, 258 sq.yd. asphalt wearing surface, etc., $64,000; on State Project 596, Cumberland and Sampson Counties, 405 cu.yd. Class A and 143 cu.yd. Class B concrete, 67,900 lb. reinforcing and 73,700 lb. structural steel, 1,650 ft. untreated timber piles, 556 sq.yd. asphalt wearing surface, etc., $26,000; on State Project 541, Pender Co., 1,884 cu.yd. Class A and 29 cu.yd. Class B concrete, 214,340 lb. reinforcing steel, 5,670 ft. untreated piles, etc., $70,000; on State Project 623, Bladen Co., 740 cu.yd. Class A concrete, 64,900 lb. reinforcing steel, 900 ft. creosoted and 1,800 ft. untreated timber piles, 350 sq.yd. asphalt wearing surface, etc., $35,000. C. M. Upham, Raleigh, state highway engr.

Florida—Oct. 6, by State Rd. Dept., Tallahassee, rein.-con. culverts and slab bridges on Projects 21, 22, 23, 24 in Columbia, Baker, Nassau and Duval Counties, 662 cu. yd Class A and 413 cu.yd. Class B concrete, 57,467 lb. steel, $30,600; on Project 11, Rd. 1, in Baker, Nassau and Duval Counties, 654 cu.yd. Class A and 470 cu.yd. Class B concrete, 61,500 lb. steel, $33,700. J. A. Mortland, state bridge engr.

Florida—Oct. 7, by State Rd. Dept., Tallahassee, rein.-con. culverts and bridges on State Rd. 4 from Duval Co. line north through Callahan, Project 32, Nassau Co., 1,027 cu.yd. Class A and 259 cu.yd. Class B concrete, 108,485 lb. steel, $38,500; on State Rd. 2, from Burnetts Lake to Gainesville, Project 33, Alachua Co., 493 cu.yd. Class A and 398 cu.yd. Class B concrete, 59,996 lb. steel, $26,730; on State Rd. 2, from Lake City north to Suwannee River, Project 26, Columbia Co., 314 cu.yd. Class A and 70 cu.yd. Class B concrete, 29,900 lb. steel, $11,520. J. A. Mortland, state bridge engr.

Florida—Oct. 8, by State Rd. Dept., Tallahassee, rein.-con. bridges and culverts on State Rd. 3 from Sisco to Volusia Co. line, Project 18, Putnam Co., 175 cu.yd. Class A and 486 cu.yd. Class B concrete, 42,348 lb. steel, $19,830; on State Rd. 3 from Le Leon Springs to Putnam Co. line, Volusia Co., 665 cu.yd. Class A and 174 cu.yd. Class B concrete, 65,987 lb. steel, $25,170. J. A. Mortland, state highway engr.

Ala., Tuscaloosa—Oct. 19, at office of W. S. Keller, state highway engr., Montgomery, 633 ft. bridge over Warrior River between here and Northport, consisting of two 186 ft., one 142 ft. and one 109 ft. steel spans. Superstructure involves 1,489,000 lb. structural steel in towers and spans, 215 cu.yd. Class A concrete, 1,905 sq.yd. creosoted wood floor, 135.55 cu.yd. concrete in sidewalks, and 3,498 lb. reinforcing steel, etc.; substructure involves 1,500 cu.yd. Class A concrete, 46,000 lb. reinforcing and 990 lb. structural steel, etc. J. A. L. Waddell, 35 Nassau St., New York, consult. engr. Noted Mar. 17.

Ohio—Oct. 4, by Dept. Highways and Pub. Wks., Columbus, bridges in following counties: Adams Co., Sect. "D" I. C. H. 124, $6,180; Cuyahoga Co., Sect. "J" I. C. H. 36, rein.-con., $31,250; Geauga Co., Sects. "V-2" and "W-1" I. C. H. 35, $14,284; Seneca Co., Sect. "K" I. C. H. 449, concrete slab, $3,179; Wayne Co., Sect. "H" I. C. H. 24, steel, $13,523; Williams Co., Sect. "C" I. C. H. 309, $1,773; E. S. Smith, state highway engr.

Ia., Le Mars—Oct. 4, Auditor Plymouth Co., 28 box culverts and extensions. G. S. Huxtable, co. engr.

CONTRACTS AWARDED

N. J., Trenton—Joint Comn. for Elimination of Toll Bridges over Delaware River between New Jersey and Pennsylvania, 125 West State St., Trenton, steel floor system with asphalt pavement to bridge over Delaware River between here and Morrisville, Pa., to C. Poinsett, 37 Maple Ave., $56,750. Noted Sept. 15.

Indiana—State Highway Comn., Capitol Bldg., Indianapolis, steel truss, Sect. G, State Aid Project 8, Lake Co., to Highway Iron Products Co., Ligonier $5,583; steel truss, rebuild pier and paint steel, Sect. F, State Aid Project 22, Morgan Co., C. R. Lybrook, Logansport, $16,607; plate girder, wood block floor and painting, Sect. C, State Aid Project 34, Fayette Co., O. Kirtley, Plainfield, $4,368; rein.-con. culverts, Sect. A, State Aid Project 35, Howard Co., Norris & Butt, Chili, $2,213. Noted Sept. 15.

Ia., Le Mars—Plymouth Co., 1 box culvert, 7 I-beams,wood piling abutments, to Standard Bridge Co., 1302 City Natl. Bank Bldg., Omaha, Neb., $6,435; 59 box culverts, 2 I-beams and 2 pony trusses, to Deloit Bridge Co., Denison, $35,900.

Ia., Muscatine—Muscatine Co., 28 box culverts and extensions to F. J. Smith, Tipton, $8,819; 1 circular, 1 I-beam and 16 box culverts, to S. R. Johnston, Tipton, $11,058; 1 thru and 3 pony trusses, to E. Souchanour, Muscatine, $21,539. Noted Aug. 25.

Tex., San Augustine—San Augustine Co. steel and concrete bridge and timber pile trestles on section of Highway 21, 1,073.9 cu.yd. Class A and 87.5 cu.yd. Class B concrete, 80,830 lb. reinforcing and 260,860 lb. structural steel, to McClung Constr. Co., c/o G. A. McClung, Cleburne, $74,621; 100 ft. steel span bridge over Attoyac River, 30 rein.-con. abutments with concrete floor, 375.3 cu.yd. Class A concrete, 29,804 lb. reinforcing and 78,378 lb. structural steel, 350 cu.yd. dry structural excav. to Austin Bros. Bridge Co., Coombs St., Dallas, $19,878. Noted Aug. 25.

Ont., Hamilton—For 2 concrete and steel bridges, to Russell Townsend Co., Hunter St. E., Peterboro, $43,375.

Dams

PROPOSED WORK

Ont., London—Election Dec. 5, to vote on $150,000 bonds for 350 ft. dam. E. V. Buchanan, Hydro Offices, engr.

BIDS DESIRED

Conn., New Haven—Oct. 3, by Dept. of Parks, 20 City Hall, concrete diversion dam at Beaver Ponds Park. G. X. Amrhym, genl. supt.

Railways

CONTRACTS AWARDED

Ontario—Canadian Pacific Ry., Windsor St., Montreal, Que., 60 mi. extension from Kipawa to Desquinze, to Angus & Taylor, Ltd., Main St., North Bay, $1,250,000.

Excavation and Dredging

PROPOSED WORK

Wis., Green Bay—Drainage—Pensaukee Drainage Co. having plans prepared for excavating and laying 6, 8 and 12 in. drain tile, to cover 45,000 acres. $50,000. L. M. Schindler, 721 Clark St., Appleton, engr.

Wyo., Cowley—Drainage—Cowley D. D. plans tile and open ditch drainage system, 135,000 cu.yd. excav., 24,020 ft., 10 in., 12,476 ft. 12 in., 19,494 ft. 15 in. tile, 69 manholes, $152,000. H. T. Ketchum, secy. H. E. Bell, Cody, engr. Noted Apr. 7.

Mont., Shelby—Irrigation—Marias Irrigation Dist., c/o J. A. Johnson, Shelby, plans election $10,000,000 bonds for dis-

Excavation and Dredging (Continued)

tributing system and reservoirs. System to store waters from Cut Bank and Badger Creeks, Two Medicine River; canals and ditches, for distributing system to about 200,000 acres. Gerharz & Jaqueth Eng. Co., 514-1st Nat'l Bank Bldg., Great Falls, engrs.

BIDS DESIRED

Florida—Canals—Oct. 8, by State Rd. Dept., Talkahassee, canals along proposed fill of Choctawhatchee River bridge approach, Holmes Co. $50,000. J. A. Mortland, state bridge engr.

Wis., Portage—Drainage—Oct. 14, by Farm Drainage Bd., c/o H. V. Tennant, secy., Columbia Co. Farm Drain No. 10, 15,300 ft. open ditch; Columbia Co. Farm Drain No. 12, 16,000 ft. open ditch.

Ia., Mason City—Ditch—Oct. 8, by Cerro Gordo Co., drainage ditch, Project 108, 5 mi. 6-22 in. tile, $40,000. P. Weigand, aud. H. D. Keerl, M. B. A. Bldg., engr

Minn., Windom—Ditch—Oct. 7, by Cottonwood Co., for Co. Ditch 31, 60,970 lin.ft. 6-36 in. tile, etc., $39,524. L. J. Klock, Windom, engr.

Col., Olney Springs—Drainage—Oct. 3, by L. Maucher, secy Olney Springs D. D., 7 mi. 8-15 in. tile. $30,000. R. Sawyer, Ordway, engr.

CONTRACTS AWARDED

Ia., Bedford—Excavation—Taylor Co. excavating 6 mi. channel, Platte River D. D. 4, 591,000 cu.yd., to O. P. Herrick, 704 Observatory Bldg., Des Moines, $0.1099 per cu.yd. Noted July 21.

Mo., Benton — Excavation — Scott Co., 791,000 cu.yd. earth excav. in D.D. 12 also 102,000 cu.yd. in D.D. 14, to W. E. Callahan Constr Co., 1107 Great Southwestern Life Bldg., Dallas, Tex., $85,000 and $13,200 respectively. Noted Aug. 4.

Mo., Cape Girardeau—Ditches — Little River D. D., Cape Girardeau, 46 mi. 4-36 ft. open ditches, Stoddard and Bollinger Counties, to Walb Constr. Co., La Grange, Ind., $205,000. Noted Sept. 8.

Streets and Roads

PROPOSED WORK

Vt., Rutland—Plans improving various streets. $50,000. J. P. Feeley, comr. Pub. Wks. Dept.

Conn., Thompsonville — Town Selectmen plan paving various highways. $50,000.

New Jersey—State Highway Dept., Broad St. Bank Bldg., Trenton, rejected bids paving Route 9, Sect. 4, through Dunnellen, Middlesex Co. Noted Sept. 8.

N. J., Avon—Plans paving 9½ mi. Main St., $85,000. L. Sofield, mayor.

North Carolina—State Highway Dept., Raleigh, plans clearing, grubbing, grading, bridging and surfacing 21 mi. State Project 559, Mecklenburg Co., $175,000, 14 mi. State Project 587 B, Iredell Co., $200,000, 17 mi. Burnsville-Marshall Rd., State Project 649, Yancey Co., $170,000; 8.6 mi. road from Lenoir to Burke Co. line, State Project 650, Caldwell Co., $86,000; clearing, grubbing, grading, draining and topsoiling 11 mi. State Project 638, Buncombe Co., $132,000. C. M. Upham, state highway engr.

North Carolina—State Highway Comn., Raleigh, plans grading, draining and paving with concrete or asphaltic material, 9 mi. State Project 630 B, Gaston Co., $360,000. C. W. Upham, state highway engr.

N. C., Greensboro—Guilford Co. plans grading, draining and topsoiling 6 mi. road from extension of Greene St. east to Groomestown Rd., $25,000 grading, draining, topsoiling and rebuilding 8 mi. road from Gorrell St., here, to Stewarts Mill on McConnell Rd., $35,000. C. O. Lowe, Greensboro, engr.

N. C., Greensboro—Guilford Co. plans grading, draining and topsoiling 10 mi. road from Jamestown via Guilford College to Battle Ground, $40,000; grading, draining and paving with some type hard surface 1.8 mi. road from Mechanicsville to Methodist Protestant Orphanage, $30,000.

N. C., Kenansville—Duplin Co. plans grading, draining, and sand-clay surfacing 12 mi. Kenansville-Wards Bridge Rd. $50,000. J. J. Bowen, secy. Co. Highway Comn.

La., Monroe—Plans paving between 15 and 20 mi. streets. $2,000,000.

Alabama—State Highway Dept., Montgomery, having surveys made, grading, draining and surfacing with gravel or sand-clay 6 mi. Newton-Ozark Rd., from Choctawhatchee River to Ozark, Dale Co.; with gravel 15 mi. Brantley-Andalusia Rd. from Brantley to Covington Co. line, Crenshaw Co. and 11 mi. Dublin-Orion Rd. Montgomery Co. W. S. Keller, state highway engr.

O., Columbus — Plans to issue $200,000 bonds to pave West Broad St. from High St. to bridge, Cleveland Ave. from Long to Buckingham Sts., Chestnut St. from High to 4th Sts., 4th St. from State St. to Livingston Ave., Fair Ave. from Champion to Miller Aves., Goodale St. from High to Henry Sts., Mt. Vernon Ave. from Cleveland to St. Clair Aves., Park St. from Erie to Goodale Sts., Rich St. from High to 5th Sts. and 3d St. from Livingston Ave. to Naghten St. R. H. Simpson, City Hall, engr.

O., Dayton—Plans to pave 2,460 ft. Holly St. from Wayne to Wyoming Sts., 8,200 sq. yd. vitr. brick on concrete base and 5,100 li.ft. cement curbing. $52,540. G. Baker, city engr.

Mich., Detroit—Plans paving Lillibridge Ave. from Canfield to Shoemaker Aves., sheet asphalt, $52,670; L alley between 2nd, Woodward and Webb Aves. and city limits, 1 course concrete, $2,510. C. W. Hubbell, city engr.

Ill., Winnetka—Making plans paving Linden Ave., vitr. brick on concrete base. $35,000. Windes & Marsh, 598 Birch St., engrs.

Wis., Waterloo—Will soon take bids rein. con. paving, curbing, guttering 0.9 mi. Madison and Monroe Sts., 25 ft. wide. $30,000. Parsons & Orbert, 216 West Water St., Milwaukee, engrs.

Ia., De Witt—Making plans paving various streets, concrete on rein.-con. base. $30,000. J. G. Thorne, Howes Bldg., Clinton, engr.

Minn., LeSueur—Plans to pave about 6 blocks Main St., $25,000. J. A. Morgan, clk.

Minn., Sauk Rapids—Plans paving about 8 blocks Bway. with concrete. $30,000.

Kan., Beloit—Mitchell Co. c/o D. L. Shannon co. engr., making plans 6.86 mi. Sect. C, Federal Aid Project 1, 20 ft. wide bituminous macadam on concrete base. $150,000. M. W. Watson, State House, Topeka.

Kan., Osawatomie—Plans to pave various streets, 6,500 sq.yd. brick and concrete, 6,500 ft. concrete curbing and guttering. $27,000. J. Wallard, clk.

Tex., Del Rio—Val Verde Co. will soon take bids grading, gravel surfacing and draining 4.3 mi. State Highway 12, 12,151 cu.yd. borrow, 2,598 cu.yd. roadway and 24,890 cu.yd. solid rock excav., 72.18 cu.yd. 1:2:4, 1329 cu.yd. 1:2½:5 and 124.43 cu.yd. 1:2:3½ concrete, 8,719 lb. reinforcing steel, 3,698 cu.yd. crushed rock and 6,249 cu.yd. gravel surfacing, $95,000. G. M. Jowers, co. engr.

Tex., Georgetown—Williamson Co. making plans clearing, grubbing, grading gravel surfacing and draining 7.51 mi. State Highway 36-B, 3,504 cu.yd. borrow, 25,564 cu. yd. roadway and 517 cu.yd. rock excav., 445.6 cu.yd. 1:2:4 and 8.9 cu.yd. 1:2 ½:5 concrete, 35,707 lb. reinforcing steel, 12,839 cu.yd. limestone shale. $41,475. R. A. Nichols, co. engr.

Okla., Pauls Valley—Making plans surfacing 20 blocks, 36 ft. wide, vitr. brick or asphalt on concrete base. $60,000. J. S. Bottoms, clk. V. V. Long & Co., Colcord Bldg., Oklahoma City, engrs.

BIDS DESIRED

Massachusetts—Oct. 4 by Dept. Pub. Wks., Div. Highways, Room 413 State House, Boston, 7,400 ft. bituminous macadam highway in Agawam, $40,000. A. W. Deane, state highway engr.

Connecticut—Oct. 3, by C. J. Bennett, state highway comr., 240 Farmington Ave., Hartford, bituminous macadam highways in towns of Burlington, Norwich Preston and North Stonington; adv. this issue.

New York—Oct. 7, by H. S. Sisson, comr. State Highway Dept., 55 Lancaster St., Capitol, Albany, improving highways in Chenango, Essex, Herkimer, Orange, Rockland, Seneca, Steuben, Suffolk and Westchester Counties, reconstructing highways in Cattaraugus, Schenectady, Tioga and Westchester Counties. J. C. Finch, secy.; adv. this issue.

N. Y., Hartsdale—Oct. 10, by Bronx Park way Comn., 72 West Pendfield Rd. Bronxville, paving portion Bronx River Parkway Dr. over bridges 32 and 33, between here and White Plains, Contr. 55. J. Downer, engr. and secy.; adv. this issue.

N. Y., Long Island City—Oct. 6, by M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., regulating, grading and paving, etc., Rockaway Blvd. from New York Ave. to Nassau Co. line, preliminary pavement of rein.-con. Former bids rejected. Noted Sept. 22.

N. Y., New York — Oct. 6, by H. H. Curran, pres. Manhattan Boro, Municipal Bldg., regulating and repaving Commerce St. from 7th Ave. to Barrow St., Minetta Lane from MacDougal St. to 6th Ave., Minetta St. from Bleecker St. to Minetta Lane, East 56th St. from 3rd to Park Aves., 97th St. from Central Park West to Amsterdam Ave., sheet asphalt on concrete foundation, Liberty St. from Bway. to West St., 4 in. granite block on existing concrete foundation.

N. Y., New York—Oct. 6, by Park Bd. at office of Dept. Parks, Municipal Bldg., furnishing, setting and resetting curbstones and otherwise improving public driveway between 155th and Dyckman Sts. F. D. Gallatin, pres.

Va., Martinsville—Oct. 8, at office of Clerk Henry Co., grading, draining and topsoiling 5.9 mi. road from Morgans Ford bridge to point on Ridgeway and Spray Rd., $25,000; 15.8 mi. from Martinsville via Leatherwood to county line, $50,000; 7.46 mi. from Dillons Fork via Center Church to county line, $27,000. H. D. Whittle, Martinsville, engr.

W. Va., New Martinsville — Oct. 1, by Wetzel Co. grading and draining 3 mi. New Martinsville-Wileyville Rd. $25,000. J. H. Lentz, co. engr.

North Carolina—Oct. 10, by State Highway Comn., at div. office, Wilmington, grading, draining and surfacing 1.56 mi. State Project 622, Columbus and Robeson Counties, 47,850 cu.yd. borrow and 3,000 cu.yd. drainage ditch excav., 3,900 cu.yd. artificial sand-clay and 490,000 sta. yd. overhaul, $275,000; 3.35 mi. State Project 621, Robeson Co., 47,500 cu.yd. common excav. and borrow, 31,910 ft. 6 x 12 in. concrete curb, 30,130 sq.yd. gravel base with asphaltic top, 313 cu.yd. Class A and 108 cu.yd. Class B concrete, 39,950 lb. reinforcing and 73,700 lb. structural steel, 1,410 ft. timber piles, etc., $125,000; 11.22 mi. State Project 517, Columbus Co., 20 acres clearing and grubbing, 79,300 cu.yd. common excav. and borrow, 15,000 cu.yd. drainage ditch, 1,200 ft. 15-30 in. concrete or c.i. lock joint pipe, 86 cu.yd. Class B concrete, 29,000 cu.yd. sand-clay surfacing, $49,000; 13.2 mi. State Project 623, Bladen Co., 16 acres clearing and grubbing, 73,000 cu.yd. common excav. and borrow, 1,536 ft. 15-30 in. concrete or c.i. lock joint pipe, 15,000 cu.yd. drainage ditch, 35,000 cu.yd. topsoiling and 100 cu.yd. Class B concrete, $50,000; 15.6 mi. State Project 518, Pender Co., 50 acres clearing and grubbing, 82,200 cu.yd. common excav. and borrow, 1,614 ft. 15-30 in. concrete or c.i. lock joint pipe, 36,550 cu.yd. topsoil, 358 cu.yd. Class A and 105 cu.yd. Class B concrete, 28,070 lb. reinforcing steel, $65,000. C. M. Upham, Raleigh, state highway engr.

N. C., Southport—Oct. 17, Comrs. Brunswick Co., 74,000 sq.yd. pavement, etc. J. Jenrette, chn; adv. this issue.

S. C., Barnwell—Oct. 7, by Barnwell Co., grading and surfacing 9.9 mi. Kline-Williston Rd. between Allendale Co. line, and surveying Sta. 527-150, here, 46,997 cu.yd. common excav., and 24,528 cu.yd. sand-clay surfacing. J. S. Still, superv.

Streets and Roads (Continued)

S. C., Beaufort—Oct. 5, by Beaufort Co., grading and surfacing 20.8 mi. Beaufort-Yemasse Rd., between city limits and Hampton Co. line. Work to be done under two contracts, one involves 100,462 cu.yd. common excav., 75,775 cu.yd. embankment and 14,447 cu.yd. sand-clay surfacing, other involves 63,360 sq.yd. reconstructed shell base course, 95,040 sq.yd. new shell base course, 158,400 sq.yd. double bituminous surface treatment or 2 in. asphaltic concrete surface. W. J. Thomas, c/o Co. Highway Comn., engr.

S. C., Ridgeland—Oct. 4, by Jasper Co., grading, surfacing and bridging 14.7 mi. Charleston-Savannah Highway, between Pocataligo and point near here, 120,920 cu. yd. common excav., 36,335 cu.yd. sand-clay surfacing, and 2 timber bridges. J. E. Gill, superv.

S. C., Winsboro—Oct. 6, by Fairfield Co., grading and surfacing 4.8 mi. Columbia-Charlotte Rd., between end of Project 90 in Simpson and town of Ridgeway, 24,165 cu.yd. common and 250 cu.yd. rock excav., 15,182 cu.yd. topsoil. M. C. Boulware, Winnsboro, engr.

Ohio—Oct. 14, by Dept. Highways and Pub. Wks., grading, draining and building bridges in following counties:

Vinton Co., Sect. "C" I. C. H. 398, 2.955 mi., $54,991.

Wayne Co., Sect. "P" I. C. H. 96, 2.028 mi., $34,006.

Sect. "K" I. C. H. 417, 3,471 mi, $21,410. L. C. Herrick, dir. highways.

O., Cleveland—Oct. 5, paving Aetna Rd. from East 78th to East 82nd Sts., Ardmore Ave. from Pearl Rd. to West 45th St., Bosworth Rd. from Parkhurst Dr. to Governor Ave., Colonial Court from Woodhill Rd. to Frank Ave., East 69th St. from St. Clair Ave. to its northern end, East 130th St. from Abell Ave. to Buckeye Rd., East 133rd St. from Miles to Marston Aves., East 134th St. from Caine to Beechwood Aves., East 140th St. from Ashwood to Abell Aves., East 144th St. from St. Clair to Aspinwall Aves., East 154th St. from School to St. Clair Aves., Fairchild Ave. from East 114th St. to Murrayhill Rd., Imperial Ave. from East 116th to East 130th Sts., Jeffries Ave. from Turney Rd. to East 86th St., Jeffries Ave. from Warner Rd. to city limits, Locust Ave. from West 112th to West 117th Sts., Parkview Ave. from East 116th to East 123rd Sts., Rhodes Court from Meyer to Storer Aves., $200,000. R. Hoffman, City Hall, engr.

Wisconsin—Oct. 5, by State Highway Comn., Div. Office 6, 213 Barstow St., Eau Claire, grading and surfacing 9 mi. Eau Claire-Mondovi Rd., Federal Aid Project 205, Eau Claire Co., 4,680 cu.yd. gravel surfacing on shale base which is already in place.

Ia., Independence—Oct. 5, Auditor Buchanan Co., draining Jesup-Winthrop Primary Rd., Federal Aid Project 5, 41,742 lin. ft. 6 in., 6,105 ft. 8 in. and 1,550 ft. 10 in. tile.

Ia., Le Mars—Oct. 4, Auditor Plymouth Co., grading and draining 13.21 mi. Primary Rd. Project 74, from Woodbury Co. Line northeast through Hinton, and from here north to Sioux Co. Line, 174,281 cu.yd. excav.

Kan., Eldorado—Oct. 8, by Butler Co. surfacing 10½ mi. Project 90, $250,000. H. Austin & Co., Eldorado, engrs. Noted Sept. 1.

Kan., Minneapolis—Oct. 4, by city, paving, grading, curbing and guttering various streets, $30,000. L. W. Rexroad, Minneapolis, engr.

Missouri—Oct. 3, by State Highway Dept., at div. office Princeton, 3.63 mi. road from Princeton southward, 24 ft. wide, State Aid Project 20.79, Mercer Co., $29,048. A. Graham, Jefferson City, state highway engr. Noted Sept. 2.

Missouri—Oct. 5, by State Highway Dept., at div. office Lancaster, 6.09 mi. road from Lancaster eastward and southward, State Aid Project 20.48, Schuyler Co., $37,812. A. Graham, Jefferson City, state highway engr. Noted Sept. 22.

Mo., St. Joseph—Oct. 4, curbing, guttering and surfacing Frederick Ave., asphalt on concrete base. $96,000. W. K. Seitz, City Hall, engr.

Tex., Athens—Oct. 8, by T. B. Wofford, mayor, 28,950 sq.yd. concrete or brick pavement, 8,300 lin.ft. concrete curb, 11,200 cu. yd. earth excav., $100,000. G. M. Scroggins, city clk.

Tex., Big Springs—Oct. 10, by T. Brooks, judge Howard Co., grading, gravel surfacing and draining, 34.2 mi. State Highway 1, 69,284 cu.yd. borrow, 64,183 cu.yd. roadway, 2,806 cu.yd. loose rock and 5,211 cu.yd. solid rock excav., 1,547.47 cu.yd. 1:3:4 and 91.7 cu.yd. 1:2½:5 concrete, 139,741 lb. reinforcing steel, 71,833 cu.yd. gravel to be furnished by county, $298,000. R. W. Baker, co. engr.

Tex., Ft. Davis—Oct. 8, by J. W. Merrell, judge Jeff Davis Co., clearing, grubbing, grading, gravel surfacing and draining, 7.2 mi. State Highway 1, 1,175 cu. yd. borrow and 700 cu.yd. loose rock excav., 34.62 cu.yd. Class B and 283.5 cu.yd. 1:2:3½ concrete, etc. $25,400. A. L. White, co. engr.

Tex., Midland—Oct. 10, by J. M. Armond, judge Midland Co., grading, gravel surfacing and draining 26.91 mi. Bankhead Highway, State Highway 1, 92,850 lin.ft. grader work, 58,828 cu.yd. borrow, 23,170 cu.yd. roadway excav., 437.3 cu.yd. 1:2:4 and 84.3 cu.yd. 1:2½:5 concrete, 43,534 lb. reinforcing steel, 56,147 cu.yd. gravel surfacing to be furnished by county. $215,000. R. W. Baker, Big Springs, co. engr.

Tex., Odessa—Oct. 10, by J. T. Cross, judge Ector Co., grading, gravel surfacing and draining 24.74 mi. State Highway 1, 61,552 cu.yd. borrow, 29,576 cu.yd. roadway and 2,755 cu.yd. solid rock excav., 347.9 cu.yd. 1:2:4 and 56.9 cu.yd. 1:2½:5 concrete. $224,130. R. W. Baker, Big Springs, co. engr.

Tex., Pt. Lavaca—Oct. 4, by S. L. Marsh, judge Calhoun Co. surfacing, grading and draining 11.37 mi. State Highway 7, 10,561 cu.yd. borrow, 9,740 cu.yd. roadway excav., 166.7 cu.yd. 1:2:4 concrete, 14,867 lb. reinforcing steel, 20,105 cu.yd. mud shell to be furnished by county. $88,160. R. H. Phillips, c/o Lone Star Eng. Co., Nat'l Bank of Commerce, San Antonio, engr.

Tex., Stanton—Oct. 10, by A. G. Odom, judge Martin Co., at (Midland), grading, draining, surfacing, clearing and grubbing 12.79 mi. State Highway 1, 35,032 cu.yd. borrow, 12,547 cu.yd. roadway excav. and 2,873 cu.yd. solid rock excav., 263.7 cu.yd. 1:2:4 cu.yd. concrete 22,520 lb. reinforcing steel, 26,742 cu.yd. gravel surfacing to be furnished by county, $103,805. R. W. Baker, Big Springs, co. engr.

Tex., Terrell—Oct. 6, by W. P. Williams, judge Kaufman Co. or W. P. Allen, chn. Permanent Bd. Rd. Comrs., grading, clearing, grubbing 21.75 mi. McCoy, Greenville, Elmo, Hiram, Chisholm and Colquett Rds., etc., 9.8 acres clearing, 14.3 acres grubbing, 103,896 cu.yd. earthwork, 25,113 cu.yd. overhaul, $35,000. G. C. Cartwright, Cartwright Bldg., engr.

Okla., Muskogee—Oct 10, Clerk Muskogee Co., grading, draining and graveling 5 mi. road, 15 ft. wide, 24,200 cu.yd. earth excav., 7,700 cu.yd. gravel 350 cu.yd. concrete. $50,000. J. H. Tait, Muskogee, engr.

Utah, Nephi—Oct. 8, by Comrs. Juab Co., gravel surfacing 3½ mi. Silver City-Champlin Rd. E. S. Hoyt, clk.

Wash., Wenatchee — Oct. 8, by Comrs. Chelan Co., surfacing with crushed rock and gravel 7.7 mi. Chelan-Monson Highway. J. Duff, Wenatchee, engr.

Cal., Los Angeles—Oct. 17, by Bd. Supervs. Los Angeles Co., paving and curbing Santa Monica Blvd., concrete and oil macadam.

Que., Montreal—Oct. 1, by Chairman Administrative Comn., 2¼ mi. concrete sidewalks on St. Hubert, Kelly, Wurtole, St. Germain, Monkland and Michaud Aves., $50,000. A. E. Doucet, dir. pub. wks.

BIDS RECEIVED

N. Y., Broklyn—E. Riegelmann, boro pres., Boro Hall, regulating, grading, curbing and paving, etc., (1) Ocean Ave., (2) roadway of Ocean Ave., grading (3) portion of lot on northeast corner of Winthrop St. and Nostrand Ave., regulating and repaving (4) 1st Ave., regulating and curbing (5) west side 7th Ave., from Brooklyn Alcatraz Asphalt Co., 407 Hamilton Ave., (1) $26,571, (2) $26,940; Borough Asphalt Co., 1301 Metropolitan Co., (1) $26,689, (2) $26,714; Cranford Co., 152 9th St., (1) $32,671, (2) $32,625; Grimm Constr. 180 McKinley Ave., (3) $142, (5) $287; H. Skofoe, (3) $171; F. Donovan Trucking & Contg. Co., 614 Union St., (4) $10,226; Greico Bros., 172 Russell St., (4) $10,513; Brooklyn & Manhattan Contg. Corp., 26 Court St., (4) $10,679; L. Mangieri, (5) $331; C. P. Rumpf, (5) $398. Noted Sept. 15.

N. Y., New York—H. H. Curran, pres. Manhattan Boro. Municipal Bldg., regulating and repaving (1) 2nd Ave., (2) Grave St., (3) 5th Ave., (4) East 70th St., (5) East 71st St., regulating, re-regulating and grading, regrading and paving, etc., (6) Haven Ave., from W. J. Fitzgerald, 547 West 45th St., (1) $12,738, (4) $24,476, (5) $33,550.—Casper Helbock Co., Harlem River and 150th St., (1) $13,064.—Uvalde Asphalt Paving Co., 1 Bway., (2) $3,064, (3) $34,739, (4) $24,569, (5) $33,457, (6) $4,959.—Brusstar Constr. Co., Inc., Harlem River and 150th St., (2) $3,089, (3) $47,229, (4) $26,613.—Sicilian Asphalt Paving Co., 41 Park Row, (2) $3,553, (3) $48,151, (4) $26,290.—C. D. Beckwith, Inc., 301 West 108th St., (2) $4,057, (3) $30,700, (4) $25,449, (5) $35,525, (6) $4,818.—Asphalt Constr. Co., 2197 Madison Ave., (3) $30,621, (4) $25,323, (5) $34,194, (6) $4,617. Noted Sept. 15.

Pa., Chester—Paving (1) Crosby St., (2) 8th St., (3) Butler St., (4) Howard St., (5) Hayes St., (6) Ward St. from 2d to 3d Sts., (7) Ward St. from 3d to 4th Sts. from Union Paving Co., 1st Natl. Bank Bldg., (1) $2,999, (2) $3,300, (3) $4,272, (4) $2,049, (5) $2,872, (6) $4,822, (7) $4,188; Barber Asphalt Paving Co., Land Title Bldg., Phila., (1) $3,166, (2) $4,065, (3) $4,960, (4) $2,611, (5) $3,272, (6) $5,276, (7) $4,920; Crossley Paving Co., Chester, (1) $2,979, (2) $3,248, (3) $4,321, (4) $1,921, (5) $2,844, (6) $4,363, (7) $4,236. Noted Sept. 15.

North Carolina—State Highway Dept., at div. office, Charlotte, grading, draining and paving 3.02 mi. State Project 630 A, Gaston Co. from Willard, Boggs & Co., Spartanburg, S. C., $79,329; J. W. Hass, Charlotte, $81,763; W. F. McCanless, Charlotte, $90,474. Noted Sept. 1.

North Carolina—State Highway Dept., at div. office, Asheville, improving (1) 12.98 mi. State Project 545, Graham Co., (a) clearing, grubbing, common and rock excav., corrugated metal pipe, rubble masonry, and topsoiling, (b) rein.-con. bridges and culverts, (2) 12.37 mi. State Project 548, Clay Co., (a) clearing, grubbing, common and rock excav., corrugated metal pipe, topsoiling and rubble masonry, (b) rein.-con. bridges and culverts, (3) 10.33 mi. State Project 534, Cherokee Co., (a) clearing, grubbing, common and rock excav., corrugated metal pipe, gravel surfacing, etc., (b) rein.-con. bridges and culverts, from L. J. Smith Constr. Co., Charlotte, (1a) $144,120, (2a) $76,889, (3a) $66,218; C. M. Dicus, Mill Springs, (1b) $17,144, (3b) $21,824; Gibson Constr. Co., Knoxville, Tenn., (1a) $153,419; O'Brien Constr. Co., Balsam, (1b) $17,590, (2b) $24,570; C. C. McCabe, Tuxedo, (1a) $160,492; Southern Dray Co., Asheville, (1b) $18,153, (3b) $20,974; W. T. Moore Concrete Products Co., Andrews, (2b) $23,515; E. A. Wilson Co., Knoxville, Tenn., (2a) $78,019, (3a) $65,631; R. H. Wright & Son, Asheville, (2a) $81,368; Callahan Constr. Co., Empire Bldg., Knoxville, Tenn., (2b) $25,436; H. A. Wells Constr. Co., Asheville, (3a) $62,080. Noted Sept. 8.

La., Marksville—Avoyelles Parish, 11.75 mi. Bunkie Longbridge Highway, from Rabalais & Williams, Cotton Port, $44,171; Harvey & Fritch, LeCompte, $44,171; C. L. and G. R. Dale Constr. Co., Colfax, $45,153.

O., Euclid—For (1) 43,000 sq.ft. pavement on concrete base, 900 cu.yd. excav. and 4,000 ft. stone curbing and tile drain, etc., (2) laying 1,650 ft. 12-18 in. vitr. sewers in Shoreham Dr., from Baldwin Bros., 4500 Euclid Ave., Cleveland, (1) brick, $24,296; Cleveland Trinidad Paving Co., The Arcade, Cleveland, (1) asphalt, $23,748; A. C. Hattendorf, 13601-6th Ave., East Cleveland, (2) $4,201.

Mich., Detroit—Paving alleys 1378, (1) to 1389, (12) (13) Burnette Ave. from Westfield Ave. to Plymouth Rd., (14) Burnette Ave. from Plymouth Rd. to Grand River Ave., (15) Morrell Ave., (16) Mc-

Streets and Roads (Continued)

Donald Ave., (17) Scovel Pl., from Reading Corp., 413 West Fort St., (1) $7,071, (3) $4,137, (5) $2,724, (6) $2,555, (10) $2,288, (11) $3,887, (12) $3,387; T. E. Currie, 20 McGraw Bldg., (1) $7,089, (3) $4,118, (4) $3,405; A. F. Lester, 309 Sun Bldg., (1) $7,185, (3) $4,215, (4) $3,394, (6) $2,391, (10) $2,237; Otis Cement Constr. Co., 806 Hammond Bldg., (2) $5,007, (5) $2,834, (7) $2,675; Delisle & Cooper, 402 Ford Bldg., (2) $4,969, (7) $2,624, (8) $2,807; F. Porath, Jr., 305 Free Press Bldg., (2) $4,817, (8) $2,807, (11) $3,806; R. J. Powelson Co., 6445 Iroquois Ave., (4) $3,398, (9) $2,654, (11) $3,720; J. Porath, 34 McGraw Bldg., (5) $2,771, (7) $2,653, (12) $3,385; F. H. Davis, 1838 Penobscot Bldg., (6) $2,516, (10) $2,323; G. Nunn, 6409-3rd Ave., (8) $2,741, (12) $3,298; Detroit Asphalt Paving Co., 20 McGraw Bldg., (13) $15,812, (14) $21,607, (15) $17,111, (16) $29,464, (17) $7,388; Cleveland Trinidad Paving Co., 402 Hammond Bldg., (13) $16,289, (14) $22,213, (15) $17,866, (16) $30,915, (17) $7,707. Noted Sept. 8.

Mo., Maplewood—Paving East Yale and West Yale Sts., rein.-con. from C. M. Berry, Webster Groves, $25,103. Noted July 7.

Tex., Edinburg—Hidalgo Co. grading, surfacing and draining (1) 29.62 mi. State Highway 12, 4,092 cu.yd. borrow, 4,225 cu. yd. roadway excav., 56.44 cu.yd. 1:2:4 concrete, 2,108 lb. reinforcing steel, 92,669 cu. yd. caliche surfacing to be furnished by county; (2) 4.3 mi. State Highway 12, 227 sta. road grader work, 13,151.7 cu.yd. gravel surfacing to be furnished by county, from Ganaway & Walker, Edinburg, (1) $158,309, (2) $23,971; Wear & Thomas, Rogers, (1) $167,342, (2) $23,671; W. L. Pearson, Houston, (1) $168,407, (2) $25,-291. Noted June 23.

Wash., Seattle—Paving (a) 11th Ave. N. E., et. al., 600,000 cu.yd. clearing and 17,-760 sq.yd. 6 in. concrete, (b) 43rd Ave. N. E., et. al, 3,400 cu.yd. earthwork and subgrading and 13,625 sq.yd. 6 in. concrete, (c) concrete walks on 44th Ave. S. W., et. al., 13,000 sq.yd. 2 course concrete, from Olympic Constr. Co., 1326 Northlake Ave., (a) $47,724, (b) $41,337; J. L. Smith, Pioneer Bldg., (b) $38,796, (c) $28,342; Fiorito Bros., New York Blk., (a) $45,226; R. G. Stevenson, 1327 Ewing St., (a) $45,-800; D. H. Traphagen, Walker Bldg., (c) $26,950; C. L. Creelman, 1079 25th Ave. N., (c) $28,901.

Cal., Los Angeles—Bd. Pub. Wks. paving and laying curb and gutter on Hoover St. between Manchester and Slauson Aves., $19,290 lin.ft. cement curbing, 95,211 sq.ft. cement sidewalk, 51,089 sq.ft. concrete paving, 541,089 sq.ft. grading, etc., from Tryon & Brain, Tajo Bldg., $174,603; G. H. Oswald, 366 East 58th St., $177,376. Noted Sept. 15.

CONTRACTS AWARDED

Mass., Boston—Paving P. O. Sq., Milk and Congress Sts., granite and wood block, to Coleman Bros., Inc., Medford St., Charlestown, $40,000. Noted Aug. 18.

Rhode Island—State Bd. Pub. Rds., State House, Providence, 4.19 mi. Rocky Brook Rd., 7,390 cu.yd. concrete, 6,000 cu.yd. gravel foundation and 444,000 lb. reinforcing bars, to A. D. Bridges Sons, Inc., Hazardsville, Conn., $149,343. Noted Aug. 11.

N. Y., Brooklyn—E. Riegelmann, boro pres., regulating and curbing, etc., Malta St., to J. J. McKenna, $2,512; regulating and paving Moutrie St., to Brooklyn & Manhattan Contg. Corp., 26 Court St., $13,639; Ave. Y, to F. J. Gallagher, 490 Park Pl., $8,368; regulating and repaving Metropolitan Ave., to Welsh Bros. Contg. Co., 14 Queens St., Astoria, $62,349; Hooper St., to Borough Asphalt Co., 1301 Metropolitan Ave., $2,151; resurfacing Chauncey St., to Cranford Co., 152 9th St., $62,246. Noted Sept. 22.

N. Y., New York—H. Bruckner, pres. Bronx Boro, repaving East Tremont Ave., etc., to Casper-Helbock, Harlem River and 150th St., $40,750; Fox St., to Asphalt Constr. Co., 2197 Madison Ave., $13,674; sewer in Aqueduct Ave., to Slattery Eng. & Contg. Co., 7 East 42d St., $7,441. Noted Sept. 22.

N. J., North Bergen (Weehawken P. O.)—Paving 6 blocks Tonnele Ave. between Secaucus Rd. and Tyler Park, bituminous concrete on concrete base, to J. Lenahan, 540 Main St., Union Hill, 74½ per cent of engineer's estimate ($52,396). Noted Aug. 25.

Pa., Phila.—To United Paving Co., Colonial Trust Bldg., paving Green and 2nd Sts., $14,394, 9th and 23rd Sts., $12,158; Union Paving Co., 37th and Spruce Sts., Cobbs Creek Parkway, $33,912, City Line Ave., $17,600. 24th, Baltz, Harper, Perot and Taylor Aves., $11,690, Hazzard, Huntingdon and Smedley Sts., $11,122; Barber Asphalt Paving Co., Land Title Bldg., 56th St., $14,614, Oregon Ave., $13,054; Fish-Rutherford Inc., Real Estate Trust Bldg., Filbert and 20th Sts., $15,286, Hicks, Mole and Ranstead Sts., $9,481; Eastern Paving Co., Colonial Trust Bldg., Glenwood Ave. and Marlborough St., $18,718, 43rd and 68th Sts., $11,474, Butler, Airdrie, Carey and Phillip Sts., $35,894, Bellmore, Hancock, Norris, Orkney, Orleans and Susquehanna Aves., $31,000; Ryan Constr. Co., Real Estate Trust Bldg., 23rd and 27th Sts., $36,000, 17th St., $20,038, 10th St., $67,419, 6th St., from Vine to South Sts., $60,226, 6th St. from Wharton to South Sts., $19,392; F. T. Buckins, Jr., Kensington and Deal Sts., 25th and 22nd Sts., $33,530, 47th and 50th Sts., $18,826; J. J. McHugh, 1617 Race St., Beaumont and Litchfield Aves., $753, Fisher Ave., $3,956; McLaughlin & Flood, 81st and Suffolk Sts., Frankford Ave., $26,044; T. Connors, 3329 North 5th St., Saul and Pratt Sts., $21,215. Noted Sept. 15.

D. C., Wash.—Dist. Comrs., 509 Dist. Bldg., grading various streets, 23,000 cu. yd., to W. F. Brenizer Co., 101 New York Ave. and G. B. Mullen Co., 1296 Upshur St., N.W. Noted Sept. 22.

D. C., Wash.—Dist. Comrs., 509 Dist. Bldg., paving and resurfacing various streets, to Cranford Paving Co., 2620 E St., N. W., $150,000. Noted Sept. 1.

W. Va., Clarksburg—Paving East Main St., from Monticello Ave. to 2nd St., to A. Fiora, Clarksburg, $27,341.

W. Va., Pineville—Wyoming Co. paving 4 mi. Mullens-Beckley Rd., to H. Lewis & Co., Logan, $70,892.

W. Va., Weston—Lewis Co., grading Hilly Upland Run Rd. in Hackers Creek Dist., to Ferguson Bros., Shinnston, $32,-335. Noted Sept. 1.

North Carolina—State Highway Dept., at div. office Charlotte, grading, draining and surfacing 7.88 mi. State Project 587 A, Iredell Co., 29,700 cu.yd. common excav. and borrow, 75 cu.yd. Class B and 23 cu.yd. Class A concrete, 850 ft. 15-24 in. terra cotta pipe, 2,130 lb. reinforcing steel, and 78,590 sq.yd. topeka surfacing on 5 in. concrete base, to Thompson-Caldwell Constr. Co., Statesville, $238,300.

Alabama—State Highway Dept., paving with bituminous concrete 10 mi. Birmingham-Gadsden Highway from Gadsden to St. Clair Co. line, Etowah Co., to County of Etowah, Courthouse, Gadsden, $227,696.

Alabama—State Highway Dept., Montgomery, grading, draining and surfacing with sand-clay or gravel 11.008 mi. road from Butler to Mississippi state line, to J. R. and J. B. Miller, Baconton, Ga. Work involves 96,703 cu.yd. common excav., $.20 per cu.yd. 10,730 cu.yd. gravel 1 mi. haul, $3.15, 9,375 cu.yd. gravel ½ mi. additional haul, $.15, 16,687 cu.yd. sand-clay 1 mi. haul, $.40, 531.3 cu.yd. Class A concrete, $18, 7.63 cu.yd. Class B concrete, $17, total cost $91,348. Noted Sept. 15.

Ala., Pell City—St. Clair Co. gravel surfacing 17½ mi. Goodwater-Ashland Rd., to Stanley & Singer, Lafayette, $159,099.

O., Canton—Paving 1,400 ft. Elgin Ave. N. W. from Tuscarawas St. W. to 7th St. N. W., brick, to Natl. Asphalt Paving Co., 609-611 2d St. N. E., $38,430.

O., Cleveland—Paving Bosworth Rd. and Parkhurst Dr., 8,340 cu.yd. excav., 5,550 sq.yd. asphalt and 4,800 ft. stone curb and tile drain, to Cleveland-Trinidad Paving Co., The Arcade, $68,783. Noted Sept. 8.

O., Cleveland—Paving East 102nd St., 1,450 cu.yd. excav., 35,600 sq.ft. brick on 6 in. concrete base, etc., to Burnett & Hathaway, Society for Savings Bldg., $26,664.

O., Zanesville—Muskingum Co. paving Frazeysburg-Shannon Rd., vitr. brick, to S. M. Billiter, 407 Mer. Lib. Bldg., Cincinnati, $145,490.

Mich., Detroit—Paving Mt. Elliott Ave., 22,000 sq.yd. asphalt on 8 in. concrete base, to Detroit Asphalt Paving Co., 20 McGraw Bldg., $150,100.

Mich., Detroit—To T. E. Currie, 20 McGraw Bldg., paving Alley 1340, $8,618, Alley 1344, $4,394, Alley 1346, $3,671, Alley 1349, $2,869, Alley 1358, $3,956, Alley 1360, $3,219; Delisle & Cooper, 402 Ford Bldg., Alley 1341, $4,829, Alley 1342, $4,935, Alley 1347, $3,662, Alley 1348, $3,147, Alley 1353, $2,704; R. J. Powelson Co., 6445 Iroquois Ave., Alley 1343, $5,135; J. Porath, 34 McGraw Bldg., Alley 1345, $4,407, Alley 1361, $3,020, Alley 1362, $3,322, Alley 1365, $2,144, Alley 1367, $1,613; Reading Corp., 413 West Fort St., Alley 1350, $2,590; Alley 1359, $3,639; A. F. Lester, 309 Sun Bldg., Alley 1351, $2,631, Alley 1355, $1,726, Alley 1357, $1,164 Alley 1363, $3,049, Alley 1364, $2,931, Alley 1366, $1,978; F. Porath, Jr., 305 Free Press Bldg., Alley 1352, $2,827; F. H. Davis, 1838 Penobscot Bldg., Alley 1354, $1,977, Alley 1356, $1,628.

Ill., Highland—Paving Arkansas Rd., macadam on concrete base, $26,000. Work will be done by day labor. Noted June 30.

Ill., Rock Island—Resurfacing 19th St., asphalt, to McCarthy Impvt. Co., 220½ Main St., Davenport, Ia., $40,000.

Wis., Milwaukee—Comrs. Pub. Wks. to White Constr. Co., 68 Wisconsin St., paving with asphalt Delaware Ave. from Oklahoma to Estes Aves., $28,370; Pine Ave. from Idaho to Montana Aves., $18,937; F. P. Caughlin Co., 30 North La Salle St., Chicago, Meinecke Ave. from alley block 4 to 48th St., $8,657; Wright St. from alley block 5 to 49th St., $12,605; Badger Constr. Co., 97 Wisconsin St., Cherry St. from 49th to 50th Sts., $4,537; 5th St. from Center to Wright Sts., $27,220; Clayton Constr. Co., 397 Farwell Ave., 7 concrete alleys, $11,-999; Cutler Constr. Co., 886 46th St., 3 alleys, $4,209; R. H. Gumz, 831 13th Ave., 2 alleys, $4,987; Boderman Constr. Co., 801 Winnebago St., 1 alley, $2,484.

Ia., Des Moines—Paving West 5th St., to J. Horrabin & Co., 1422 Walnut St., $25,000. Noted Aug. 5.

Ia., Forest City—Winnebago Co. paving Primary Rd. 2, Federal Aid Project 30, concrete, to H. Marvil, Lake Mills, $28,000.

Ia., Hampton—Franklin Co. gravel surfacing 9.84 mi. road, Federal Aid Project 105, from Coulter east through here, 14,884 cu.yd. excav., to Miller Constr. Co., Sioux City, $0.38 per cu.yd., gravel, load, haul one mile and spread, 49,125 additional units half mile haul, $0.10; various sections county road system, to Northern Road Constr. Co., Minneapolis, Minn., 4,900 cu.yd. gravel, load, haul, one mile and spread, $0.35, 7,350 cu.yd. at $0.40, 27,300 units additional half mile haul, $0.09, 10,500 at $0.14, 18,900 at $0.11; C. Fox and C. J. Thraves, Hampton, 4,300 cu.yd. gravel, one mile haul, $0.41, 17,400 units gravel additional, half mile haul, $0.125; F. Petrie, Popejoy, 2,600 cu.yd. gravel, one mile haul, $0.25, 12,400 units additional, half mile haul, $0.12.

Ia., Iowa City—Paving alley, brick on 6 in. concrete base, to W. Horrabin Contg. Co., 15 East College St., $25,000. Noted July 14.

Ia., Onawa—Monona Co., grading 5.11 mi. Turin-Soldier Rd. and 5.64 mi. Sioux City-Denison Cutoff, from Crawford Co. Line west and north, Primary Rd. Project 38, 136,326 cu.yd. earth excav., to C. F. Betz, Sioux City, 53,281 cu.yd. at $0.184; H. A. Mossman, Lyons, Neb., 83,045 cu.yd. at $0.1925. Noted Sept. 8.

Ia., Rock Rapids—Lyon Co. grading 16.19 mi. roads, Primary Rd. Project 85, through Doon and here, to Minnesota State Line, 148,733 cu.yd. excav., to I. Cox, 727 South 6th Ave., Sioux Falls, S. D., $0.205; gravel surfacing 23 mi. road, Primary Rd. Project 174, from Lester east to Osceola Co. Line, 34,500 cu.yd. gravel, to Miller Constr. Co., Sioux City, $0.395. Noted Sept. 8.

Kan., Junction City—Geary Co. resurfacing and widening 0.6 mi. Golden Belt Rd., Federal Aid Project 91, brick, to Howell & Wagoner, Junction City, $28,667;

Streets and Roads (Continued)

0.7 mi. **East 6th St.**, 18 ft. wide, concrete, to Zeigler & Dalton, Junction City, $26,802. Noted Sept. 1.

Kan., Osawatomie—Improving various streets, to A. B. Ferguson, Osawatomie, $25,575.

Kan., Ottawa—Franklin Co. 1.667 mi. Project 89 one course bituminous concrete, to Cook & Stucker, Ottawa, $25,000. Noted Aug. 18.

Kan., Yates Center — Improving State, Main, Green and Kansas Sts., to J. K. Shinn, Independence, $54,228.

Mo., St. Joseph—Paving 10th St., concrete, to Casteel Eng. & Constr. Co., Ballinger Bldg., $29,222. Noted Sept. 22.

Tex., Austin—Paving ½ mi. 13th, 10th, 1st, Brazos and Colorado Sts., 1,707 sq.yd. concrete alleys, 13,633 sq.yd. Uvalde rock asphalt on 5 in. concrete base, to W. E. Dozier, 230 Austin Natl. Bank Bldg., Austin, $30,083.

Tex., Greenville—Hunt Co. 3.7 mi. Highway 39, waterbound macadam, inverted penetration topping, $86,554. Work will be done by day labor.

Tex., Groesbeck—Limestone Co. gravel surfacing 4 mi. State Highway 7, to L. D. Roan, Cooledge, $45,101 including 10% for engineering and contingencies and material furnished by county. Noted Sept. 22.

Tex., Linden—Cass Co. grading, gravel surfacing and draining 13.01 mi. State Highway 1, to C. W. Burgess, 710 Haines Ave., Dallas, $63,002. Noted Sept. 22.

Tex., Quitman—Wood Co. gravel surfacing 14.49 mi. Highway 37, to Purvius, Lowery & Hanks, Ft. Worth, $28,414. Noted Sept. 15.

Tex., San Augustine—San Augustine Co. grading, gravel surfacing and draining 20.95 mi. State Highway 21, 82,726 cu.yd. borrow, 134,158 cu.yd. roadway and 14,476 cu.yd. solid rock excav., 899.79 cu.yd. Class A concrete, 23,756 cuyd. gravel surfacing, to McClung Constr. Co., c/o G. A. McClung, Cleburne, $157,242. Noted July 14.

Col., Ft. Collins—Concrete paving Howe St. from Laurel to Laporte Sts., and from Howe to Mason Sts., to Brodie & Anderson, 609 Interstate Trust Bldg., Denver, $89,861.

Utah—State Highway Comn., Salt Lake City, improving 2.1 mi. Tremonton-Garland Highway, 2 in. bitulithic on 6 in. concrete, to Gibbons & Reed, Kearns Bldg., Salt Lake City; labor for improving 1.83 mi. Provo-Pleasant Rd., to Gray & Murdock, Dooley Blk., Salt Lake City, $24,735, material furnished by state.

Utah, Springville—Utah Co. (Provo), concrete paving approximately 2 mi. streets through here, to R. Ely, Springville $69,423. Cement to be purchased separately.

Arizona—State Highway Dept., Phoenix, grading and gravel surfacing 9.6 mi. Holbrook-St. Johns Highway, Federal Aid Project 6, Sect. 4-B, Schedules 1 and 2, to Hamlin & Garcia, Hunt, $8,585 and $6,326 respectively; Schedule 3, to Udall & Morgan, Hunt, $9,648.

Wash., Seattle — King Co. grading and graveling 4.5 mi. Maple Leaf Rd. and Extension Rd. 6, to Schacht Constr. Co., 219 Occidental Ave., $57,209. Noted Aug. 18.

Wash., Spokane—Paving various streets, to G. H. Weller, North 618 Madelia St., $48,376.

Cal., Fresno—Fresno Co. grading and gravel surfacing Highway Route 1, Sect. C part 1 and Route 1, Sect. C part 2, to G. S. Benson & Sons, 247 Douglas Bldg., Los Angeles, $101,960 and $80,550 respectively.

Cal., Los Angeles—Paving Norton Ave. between Welshire Blvd. and Pico St., to W. Liddington, 420 East 60th St., $65,857. Noted Sept. 1.

Cal., Santa Ana—Orange Co. paving La Mirada Brea-Olinda Rd. and 4 streets, 2 and 4 in. asphaltic concrete, to S. Finley, Santa Ana, $58,261; 3 mi. Rd., Dist. 7, 5,000 cu.yd. gravel, 5,000 cu.yd. earth excav. and 267,428 sq.ft. 5 in. asphaltic concrete, to Fairchild-Gilmore-Wilton Co., Los Angeles Ry. Bldg., Los Angeles, $55,000.

Que., Montreal — Paving 3,000 ft. St. James St. from McGill to Inspector Sts., asphalt, $26,300. Work will be done by day labor.

Ont., Toronto—York Twp., concrete sidewalks on Cryessa, Mildred and Rutherford Aves., to Natl. Contg. Co., 9 Garnock Ave., $125,500; Amherst Ave., F. Angotti, 819 St. Clarens Ave., $2,200; Bronston Ave., Britnell Contg. Co., Baxter Ave., $8,000; Durie St. and Harvie Ave., Grant Contg. Co., 50 Front St. E., $5,000; Dynover Rd. and Robiner Ave., J. Harrop, 1414 Davenport Rd., $9,400; Franklin and Glenholme Aves., A. J. Pemberty, 292 Booth Ave., $7,000; Milverton Blvd. Frater and Guestholme Aves., W. B. Hughes, 53 Victoria Park Ave., $7,100; Holborne and Salmon Aves., A. Johnson, 35 Burgess Ave., $5,000; Nairn and McMichael Aves., D. McKay & Co., 289 Ashdale Ave., $4,700; Rushton Rd., Ramsay Contg. Co., 39 Indian Rd., $2,500.

Ont., Whitby—For ½ mi. 40 ft. bithulithic pavement on Brock St. from Mary to Dunlap Sts., to Warren Bituminous Paving Co., 54 University Ave., Toronto; storm sewers to Curran M. Briggs, 51 Rushholme Park Crescent, Toronto. Total $35,000.

Industrial Works

PROPOSED WORK

Mass., Winthrop — H. Standard, 43 Tremont St., Boston, plans 1 story, brick and steel garage on Somerset Ave., here. $50,000. Private plans.

Conn., Hartford—Buck & Sheldon, archts. and engrs., 60 Prospect St. opens bids about Oct. 3, one story, 100 x 110 ft., brick and timber plant, rein.-con. flooring, plain foundation, Franklin Ave., for R. S. Peck & Co., 26 High St.

Conn., Hartford—G. A. Zunner, archt., 182 High St., rejected bids opened Sept. 15, 3 story, 95 x 100 ft., brick and rein.-concrete garage on Windsor Ave. Dragat & Traubman, 340 Windsor Ave., $100,000. Project postponed until spring. Noted Sept. 8.

Conn., New Britain — Lash Motor Co., Lincoln and West Main Sts., plans 3 story, rein.-con. garage, sales and service station, Main St. $50,000.

N. Y., Buffalo—J. N. Matthews Co., Washington and Exchange Sts., had plans prepared, 3 story, 100 x 150 ft. publishing house, rein.-con. and brick, rein.-con. flooring, concrete foundation, Oak St. Cost to exceed $200,000. R. J. Reidpath & Son, Mutual Life Bldg., engr. Noted Feb. 24.

Pa., McKees Rocks—W. L. Singer Ice Co. had plans prepared by A. C. Bishop & Co., engrs. and archts., 427 Guardian Bldg., Cleveland, O., 1 story, 50 x 60 ft., brick and stone plant, rein.-con. flooring, plain foundation. $60,000.

D. C., Wash.—Storm & Sherwood, 3247 Q St., having plans prepared by W. H. Tinn, Terry Bldg., Phila., Pa., for dairy, brick, concrete and steel. $85,000.

D. C., Wash.—Wise Bros., 3206 N. St., N.W., having plans prepared by A. P. Clark, Jr., archt., 816 14th St., dairy plant addition. $75,000.

N. C., Goldsboro—State Hospital for Insane plans power house, including equipment, here. $100,000. H. A. Underwood, 227 Forest Rd., Raleigh, engr.

O., Canton—Schory & Schellhase Co., 6th St. and Harrison Ave., S.W., takes bids this fall, 2 story, 60 x 200 ft. ice plant. $250,000.

O., Cleveland—Carris-Franklin Sales Co., 3622 Prospect Ave., having plans prepared by Carter-Richards Griffith Co., archts., Illuminating Bldg., 1 story, 100 x 140 ft. brick garage, plain foundation. $60,000. Noted Aug. 25.

Ill., Granite City—Cabaret Range Co. having plans prepared by C. Pauley & Son, archts., 19th and C Sts., 4 brick and steel buildings, 24 x 70 ft., 70 x 100 ft. and two 70 x 300 ft. $300,000. Noted Sept. 22.

Ill., Peoria—Peoria Sheet Metal Co., c/o J. Fried, 2815 Main St., plans 1 story factory, brick and steel. $50,000. Architect not selected.

Wis., Appleton Jct.—Traas Candy Co., 715 College Ave., Appleton, having plans prepared by W. Sindahl, archt., Neenah, 2 story, 45 x 100 ft. factory, brick and concrete, rein.-con. flooring, plain foundation. $50,000. Noted Aug. 25.

Wis., Fond du Lac—Galloway West Co., 24 West Division St., having preliminary plans prepared by M. Tullgren & Sons, archts., 425 East Water St., Milwaukee, 3 or 4 story, 64 x 160 ft. cold storage warehouse, brick and concrete, or mill construction, plain foundation, West Division St., $75,000.

Wis., Jefferson—Adco Dry Storage Battery Co. plans 2 and 4 story, 60 x 200 ft. factory, rein.-con., brick and steel, rein.-con. flooring, brick foundation. $100,000. Architect not selected.

Wis., Kilburn—D. A. Colby plans 2 story, 60 x 95 ft. garage, rein.-con., brick and steel, rein.-con. flooring, brick foundation, Bway. $45,000. Architect not selected.

Wis., Milwaukee—Dort Motor Co., 242 4th St., having plans prepared by A. C. Eschweiler, archt., 141 Wisconsin St., 1 story, 120 x 120 ft. garage, brick and concrete, rein.-con. flooring, plain foundation, Mason St. $42,000.

Wis., Milwaukee—Smith Eng. Wks., 1154 32nd St., 1 story, 75 x 100 ft., assembling plant, brick and timber, plain foundation, 32nd St., to Worden-Allen Co., Port Washington Rd., $40,000.

Wis., Milwaukee — J. Wollage Co., 417 Wells St., having plans prepared by M. Fernekes, archt., 97 Wisconsin St., 4 story, 90 x 120 ft., rein.-con. and brick garage, rein.-con. flooring, plain foundation, 28th and Grand Aves. $95,000.

Wis., Neenah—Valley Paper Mills, East Wisconsin Ave., will take bids about Oct. 15, 1 and 2 story, 80 x 550 ft. main building, 1 story, 60 x 165 ft. power plant and 1 story filtration plant, brick and steel, rein.-con. flooring, plain foundation. $800,000. E. A. Wettengel, 578 Pierce Ave., Appleton, archt.

Wis., Nelsonville—H. J. Kaukrud having plans prepared for 2 story, 48 x 130 ft. saw mill, rein.-con. and brick, rein.-con. flooring, brick foundation, $55,000. Private plans.

Kan., Coffeyville—F. R. Lawson, Nowata, Okla., having plans prepared 2 story ice plant, brick and steel, here. $100,000. Architect's name withheld.

Tex., Cameron—See "Sewers."

Col., Denver — Hardesty Mfg. Co., 1833 Market St., had plans prepared by C. S. Lambie, engr., Tramway Bldg., 100 x 160 ft. and 120 x 160 ft. factory additions, 30th and Blake Sts. Cost between $75,000 and $100,000.

Cal., Los Angeles—Premier Fireproof Storage Co., having plans prepared by E. T. Flaherty, archt., 435 I. W. Hellman Bldg., 6 story, 60 x 100 ft. warehouse, rein.-con., brick, terra cotta and tile, concrete flooring, Santa Monica Blvd. $100,000.

Cal., Los Angeles—Wilshire Fireproof Storage Co., c/o E. T. Flaherty, archt., 435 I. W. Hellman Bldg., plans 8 story, 60 x 100 ft. warehouse, rein.-con., terra cotta and pressed brick, 1st St. and Western Ave., $150,000.

Que., Montreal—J. J. Joubert, Ltd., St. Andre St., plans 2 story, 50 x 80 ft. ice plant, brick and steel, on St. Andre St. $40,000. Private plans.

Que., Montreal—Molsons Brewery, 906 Notre Dame St., E., plans 6 story, 91 x 124 ft. brewery on Notre Dame St. E. $119,000.

Ont., Parry Sound—Conger Lumber Co. plans lumber mills. $60,000.

BIDS DESIRED

R. I., Providence—W. R. Walker & Son, archts., 49 Weybosset St., receiving bids 2 story, 50 x 76 ft., brick and timber factory, plain foundation, on South Water and Coin Sts., for C. S. Tanner Co., 250 South Water St. $40,000.

Mass., Adams—Renfrew Mfg. Co., receiving bids, 1 and 2 story, 83 x 107 ft., storage, picker and office building, rein.-

Industrial Works (Continued)
concrete and brick concrete foundation. $75,000. A. F. Gray, 53 State St., Boston, archt.

Pa., Coatesville—S. Wagner, archt., Reading Terminal, Phila., receiving bids 1 story, 30 x 195 ft. freight house, and 2 story, 22 x 40 ft. and 30 x 90 ft. office building, brick and steel, rein.-con. flooring, here, for Philadelphia & Reading R.R., Reading Terminal, Phila., $175,000.

O., Cleveland—Sobel & Elder, 416 Guardian Bldg., receiving bids 1 story, 100 x 100 ft., brick and steel garage and commercial building, plain foundation, 2719 East 55th St. $50,000. E. A. Curtiss, 605 Republic Bldg., archt.

Wis., Little Chute—Lenz Electric & Auto Co., Little Chute, and W. W. DeLong, archts., 842 College Ave., Appleton, receiving bids 1 and 2 story, 60 x 100 ft. garage, rein.-con., brick and tile, rein.-con. flooring, brick foundation. $40,000.

Okla., Oklahoma City—Oct. 4, by P. H. Anthony, archt., Waldheim Bldg., Kansas City, Mo., 2 story, 100 x 150 ft. bakery, for Smith Baking Co., 437 West Park St. $150,000. Noted Sept. 15.

CONTRACTS AWARDED

Me., Richmond—Damariscotta Leather Co., 3 story, 65 x 201 ft. timber mill, concrete foundation. Work will be done by day labor.

Mass., Malden—Potter Bros., 2 story, 80 x 115 ft., brick and concrete garage and service station, rein.-con. flooring, concrete foundation, Main St., to W. M. Bailey Co., 88 Broad St., Boston. $100,000.

Mass., Waltham—Elastoid Fibre Co., 1 story, 72 x 181 ft. brick factory, concrete foundation, to H. P. Cummings Co., Ware. $60,000.

Conn., Middletown—C. J. Masin, 545 Main St., 1 story, 100 x 120 ft., brick and steel garage, sales and service station, rein.-con. flooring, plain foundation, Main St., to H. S. Moore, 622 High St. and O. E. Larson, 64 Wyllys Ave. $40,000.

Pa., Phila.—For 1 story, 160 x 220 ft. repair shop on 29th and Cambria Sts., to Robbins Constr. Co., 1137 North Front St., $115,000.

Pa., Phila.—S. W. Evans & Co., 4623 Paul St., rein.-con. brick and steel addition to factory, rein.-con. flooring, concrete foundation, Paul and Meadow Sts., to W. Steele & Son, 15th and Arch Sts., $50,000.

Pa., Pottsville—P. Greenberg, Shenandoah, 3 story, 70 x 103 ft. rein.-con., brick and steel factory, rein.-con. flooring, concrete foundation, on Railroad Ave., here, to Pringle-Borthwick, 8018 Germantown Ave., Phila., $80,000.

O., Cleveland—Cleveland Electric Illuminating Co., Illuminating Bldg., 2 story, 26 x 55 ft., brick, steel and concrete addition to sub-station, rein.con. flooring, plain foundation, East 17th St., to Hunkin-Conkey Constr. Co., Century Bldg. $50,000. Noted Sept. 22.

O., Cleveland—Chicago Roller Co., 554 Harrison St., Chicago, 2 story, 50 x 92 ft., brick and steel factory, plain foundation, 1432 Hamilton Ave., here, to W. I. Thompson & Son Co., 5103 Euclid Ave., $40,000.

O., Cleveland—Coolee Co., c/o E. A. Markham, Euclid Ave. and 105th St., 1 and 2 story, 39 x 102 ft., brick and steel factory, plain foundation, 4516 Superior Ave., to M. Narosni, 12617 Edmonton Ave., $40,000.

O., Cleveland—J. L. Free Land Co., 1004 Prospect Ave., 1 story, 40 x 78 ft. brick and steel garage, plain foundation, 4917 Prospect Ave., to Austin Co., 16112 Euclid Ave., $40,000.

O., Cleveland—Greenline Garage & Supply Co., 4214 West 25th St., 1 story, 43 x 89 ft., brick garage, plain foundation, Memphis Ave., to Myers & Loeb, 262 Hippodrome Bldg., $40,000.

O., Cleveland—Rail Welding & Bonding Co., 2400 Woodland Ave., 1 story, 90 x 180 ft. brick and steel factory, plain foundation, 2400 Woodland Ave., to Austin Co., 16112 Euclid Ave., $60,000.

O., Cleveland—Vichek Tool Co., 3000 East 87st St., 1 story, 40 x 50 ft., brick, steel and concrete factory, rein.-con. flooring, plain foundation, East 87th St., to Hunkin-Conkey Constr. Co., Century Bldg., $50,000.

O., Lakewood (Cleveland P. O.)—City Ice & Fuel Co., East 22nd St., Cleveland, 1 story plant, 50 ft. high, brick and steel, Fisher and Warren Rds., here, to Younger & Farmer, 1670 Crawford Rd., Cleveland, $100,000.

O., Youngstown—Distilled Water Ice Co., 523 West Federal St., 1 story, 70 x 160 ft., brick, steel and concrete plant, rein.-con. flooring, plain foundation, Federal St., to Heller Bros., Furnace St. $100,000.

Mich., Iron Mountain—Michigan Land & Lumber Co., subsidiary of Ford Motor Co., Highland Park, Detroit, 1 story, 120 x 300 ft. brick and steel plant, plain foundation, to Worden-Allen Co., 208 South La Salle Ave., Chicago.

Ill., Dixon—Dixon Mfg. Co., 1 story, 52 x 192 ft. concrete and steel factory, to Truscon Steel Co., 22 West Monroe St., Chicago, $75,000.

Ill., Waukegan—J. P. Heath & Co., 2 story, 100 x 108 ft. machine shop, brick and steel, to Manufacturing Terminal Co., Waukegan, $100,000.

Wis., Milwaukee—S. D. Austin, 307 Grand Ave., 1 story, 90 x 120 ft. garage, brick and concrete, rein.-con. flooring, plain foundation, Oakland Ave., to G. E. Kahn, 114 Grand Ave., $45,000.

Wis., Milwaukee—Holeproof Hosiery Co., 41 4th St., 3 story, 58 x 150 ft. brick and timber factory, plain foundation, 30th St., to W. W. Oeflein, 86 Michigan St., $100,000.

Wis., Oshkosh—R. Lutz, 1270 Knapp St., 2 story, 40 x 80 ft. garage, brick and concrete, rein.-con. flooring, plain foundation. $40,000. Owner will build by day labor. Auler & Jensen, F. R. A. Bldg., archts. S & R—

Wis., Oshkosh—Oshkosh Tractor Co., c/o A. S. Paine, 22 New York Ave., 1 story, 150 x 375 ft. factory, rein.-con., steel and brick, rein.-con. flooring, brick foundation, Main St., to A. Nielson & Sons Co., Neenah, $170,000. Noted Sept. 22.

Wis., Racine — Harvey Springs & Forge Co., 17th and Murray Aves., 2 story, 58 x 60 ft. rein.-con. and brick factory, rein.-con. flooring, concrete foundation, to Nelson & Co., Inc., Janes Blk., $40,000. Noted Sept. 8.

Wis., Racine—Horlicks Malted Milk Co., Horlicksville, 42 x 56 ft. warehouse, 105 ft. high, rein.-con., rein.-con. flooring, plain foundation, Northwestern Ave., to MacDonald Eng. Co., 53 West Jackson Blvd., Chicago, $55,000.

Wis., Racine—West Racine Garage & Implement Co., 3218 Washington Ave., 1 story, 60 x 90 ft. garage, rein.-con. steel and brick, rein.-con. flooring, brick foundation, Washington St., to J. Sorenson, 1805 West 6th St., $40,000.

Wis., Saukville—A. Horn, 1 and 2 story, 65 x 110 ft. garage, etc., rein.-con., steel and brick, rein.-con. flooring, concrete foundation, Main St., to W. Opperman, Saukville, $40,000. Noted Sept. 22.

Mo., St. Louis — Plymouth Garage Co., 5909 Plymouth St., 1 story, 75 x 80 ft., brick and steel garage, Plymouth and Hamilton Sts., to T. H. Ratz, 917 Pine St. $50,000. Noted Sept. 15.

Tex., Dallas—Dallas Tent & Awning Co., 2620 Main St., 3 story, 100 x 100 ft., brick factory, Race and Commerce Sts., to Inge Constr. Co., Southwestern Life Bldg, $45,000.

Cal., Los Angeles—Keeler-Comey Co., c/o G. W. Eldredge, archt., 226 Pacific Finance Bldg., 2 story, 125 x 240 ft., rein.-con., tile and steel factory, on San Pedro St., to W. A. Heitman Co., Merritt Bldg., $600,000.

Que., Montreal—Dominion Oxygen Co., Burgess St., 1 story, 82 x 101 ft. plant on Liber and Burgess Sts., to J. Shearer & Sons, Shearer St. $40,000.

Buildings

PROPOSED WORK

Mass., Belchertown—High School—School Com. plans 2 story, fireproof. $150,000.

Mass., Dorchester — Church — St. Paul Roman Catholic Congregation, 1 Lingard St., had plans prepared by Maginnis & Walsh, archts., 100 Boylston St., Boston, 1 story, 105 x 170 ft., stone, on Hartford St. $150,000.

Mass., Everett—School—Bd. Educ. having plans prepared by J. C. Spofford, archt., 36 Bromfield St., Boston, 2 story, brick, concrete foundation, $150,000.

R. I., Pawtucket — School — Bd. Educ. plans 3 story, concrete, brick and steel, rein.-con. flooring, plain foundation, Fountain St. $1,200,000. Architect not selected.

Conn., Bridgeport — Parish Hall—J. W. Skinner, archt., 1188 Main St., opens bids about Oct. 1, two story, 45 x 125 ft., brick, stone and steel, plain foundation, Main St., for Olivet Congregational Church, 2140 Main St. Noted Sept. 8.

Conn., Fairfield—Theatre, Store, etc.—J. I. Flint, Town Hall Bldg., having plans prepared by O. C. S. Ziroli, archt., 211 State St., Bridgeport, 2 story, 65 x 115 ft., brick, hollow tile and steel, Post Rd.

Conn., New Haven—Library—Yale University plans stone and concrete on Campus. $2,000,000. J. R. Angell, pres.

Conn., New Haven—Museum—Yale University having plans prepared by Day & Klauder, archts., 925 Chestnut St., Phila., 2 story, stone and steel, on Campus. $750,000. J. R. Angell, pres.

N. Y., Brooklyn — Municipal — Plans 13 story, 170 x 270 ft., brick, steel and stone, concrete pile foundation, at Boro Hall. $6,000,000. Private plans.

N. Y., New York — Apartment — M. J. Kramer, 309 5th Ave., having plans prepared by H. J. Krapp, archt. and engr., 116 East 16th St., 6 story, brick, steel and stone, concrete pile foundation, Hamilton Pl. $750,000.

N. Y., New York—Office—Equitable Life Assurance Co., 120 Bway., plans brick, steel and stone, concrete pile foundation, 7th Ave. between 31st and 32nd Sts. $1,000,000.

N. J., Elizabeth — Clubhouse — King & Campbell, archts. and engrs., 38 West 40th St., New York, opens bids about Oct. 10, 2 story, brick and stone addition, brick foundation, here, for B. P. O. E.; 211 Broad St. $150,000. Noted April 7.

Pa., Altoona—Church—Fairview Methodist Church plans 2 story, 70 x 115 ft., brick and stone, 5th St. and 23d Ave. $150,000. A. L. Bixler, 2210 5th Ave., pastor. Architect not selected.

Pa., Drexel Hill—Apartment—E. H. Wanamaker, Drexel Hill, had plans prepared 3 story, 45 x 138 ft. brick and stone. $200,000. Private plans.

Pa., Tamaqua—Temple—Masonic Assn. will soon take bids, 3 story, 46 x 120 ft., concrete, brick and steel. $175,000. B. R. Stevens, 1737 Filbert St., Phila., archt.

D. C., Wash.—Apartment—P. M. Julian, archt., Commercial Natl. Bank Bldg., preparing plans for apartment. $600,000. Owner's name withheld.

D. C., Wash.—Apartment—M. G. Lepley, archt., 1402 Eye St., N. W., preparing plans apartment house, $150,000. Owner's name withheld.

Ala., Birmingham—Auditorium—Having plans prepared by Miller & Martin, archts., 1900 14th Ave., 140 x 160 ft., 8th Ave. N. between 19th and 20th Sts. $425,000.

Ala., Birmingham — School—J. R. Hornady, comr. Bd. Educ., soon takes bids 2 story, 32 x 100 ft., 19th St. $130,000. D. O. Whilden, Title Bldg., archt.

Tenn., Memphis—Office—R. B. Snowden, 1397 Center Ave., had plans prepared by Hanker & Cairns, archts., Scimitar Bldg., 21 story, 75 x 75 ft., steel and white terra cotta, rein.-con. flooring, Court St. and Maiden Lane. $1,000,000.

O., Columbus — Office — Amer. Insurance Union, 44-50 West Broad St., had plans prepared by F. L. Packard, archt., New Hayden Bldg., 25 story, 123 x 187 ft., East Broad St. Cost between $3,000,000 and $3,500,000.

Buildings (Continued)

O., Hiram — Dormitory and Science — Hiram College soon lets contract 3 story, 42 x 108 ft., brick, steel and concrete, rein.-con. flooring, plain foundation. $150,00. A. Garfield, Natl. City Bldg., Cleveland, archt. Noted Aug. 25.

O., Mansfield — Bank — Citizens Natl. Bank, 34 North Main St., had plans prepared by E. B. Caldwell, archt., 1st Natl. Bank Bldg., Bridgeport, Conn., and will probably receive bids in spring, 10 story, 50 x 110 ft., brick, steel and stone. $500,-000.

O., Painesville—High School—Bd. Educ. having plans prepared by F. L. Packard, archt., New Hayden Bldg., Columbus, 2 story, brick, steel and concrete, rein.-con. flooring, plain foundation, $350,000.

O., Port Clinton—School—Bd. Educ. having plans prepared by Thayer & Johnson, archts., 5716 Euclid Ave., Cleveland, 2 story, 18 room, brick, steel and concrete, rein.-con. flooring, plain foundation. $150,000.

Mich., Ann Arbor — Library — W. L. Clements having plans prepared by A. Kahn, archt., 1000 Marquette Bldg., Detroit, 2 story, 95 x 100 ft. rein.-con., brick and steel, rein.-con. flooring, concrete foundation, South University Ave. $200,000.

Mich., Detroit—Amusement—L. Kamper, archt., 752 Book Bldg., preparing plans for 2 story, 118 x 175 ft., brick, steel and stucco, East Jefferson Ave. $150,000. Owner's name withheld.

Mich., Wakefield — Memorial — For 2 story, 75 x 240 ft. concrete and brick, rein.-con. flooring, plain foundation, to Albinson Constr. Co., 717 Nicollet Ave., Minneapolis, Minn., $245,000 cost plus percentage basis.

Ill., Green Valley — High School — Bd. Educ., c/o W. A. Kiefer, pres., having plans prepared, brick, steel and stone, rein.-con. flooring. $150,000. Architect's name withheld.

Ill., Rockford — Church — Emanuel Lutheran Congregation having plans prepared by Peterson & Johnson, archts., Swedish Amer. Bank Bldg., 1 story, 60 x 132 ft., brick and stone, steel trusses, $150,000.

Wis., Baraboo—Bank and Office—Bank of Baraboo having tentative sketches made by Clas, Shepard & Clas, archts., 445 Milwaukee St., Milwaukee, 2 story, 45 x 90 ft., stone, concrete and brick, rein.-con. flooring, plain foundation. Cost between $100,-000 and $150,000.

Wis., Beaver Dam — High School — Bd. Educ., c/o A. W. Lueck, chn., plans 4 story, 60 x 210 ft., rein.-con. and brick, rein.-con. flooring, brick foundation, Main St. $300,-000. Architect not selected.

Wis., Clear Lake—High School—Joint Dist. 1 will take bids about Oct. 15, 2 story, 54 x 100 ft. brick and concrete, rein.-con. flooring, plain foundation. Cost between $100,000 and $150,000. F. J. Anderhoin, clk. W. L. Alban, 347 Endicott Bldg., St. Paul, Minn., archt.

Wis., Dousman — Home — A. D. Koch, archt., 120 Wisconsin St., Milwaukee, will open bids about Oct. 1, two story, 100 x 200 ft., brick and concrete, rein.-con. flooring, plain foundation, for Wisconsin Masonic Home Assn., c/o A. E. Matheson, 624 St. Lawrence Ave., Janesville, chn. building com. $250,000. Noted Aug. 18.

Wis., Green Bay—Vocational School—Bd. Educ. plans 4 story, 150 x 200 ft. rein.-con., steel and brick, rein.-con. flooring, brick foundation. Cost between $250,000 and $300,000. Architect not selected.

Wis., Manitowoc—Store and Office—Deck Bros., 806 Buffalo St., having plans prepared by Smith & Reynolds, archts., Dempsey Bldg., 2 story, 50 x 153 ft., rein.-con., steel and brick, rein.-con. flooring, brick foundation, 8th St. $150,000.

Wis., Medford—Hospital—Landers Post Amer. Legion, c/o S. D. Gibson, commander, plans 4 story, 60 x 150 ft., rein.-con. and brick, rein.-con. flooring, brick foundation. $150,000. Architect not selected.

Wis., Milwaukee — Lodge — Owl Realty Co., 67 Keefe Ave., having preliminary plans prepared by A. D. Koch, archt., 120 Wisconsin St., 2 story, brick and concrete, rein.-con. flooring, plain foundation, Port Washington St. $150,000.

Wis., Milwaukee—Office—Zinger & Braun, 548 12th St., having revised plans prepared by Backes & Pfaller, archts., 216 West Water St., 2 story, 100 x 150 ft., rein.-con. and brick, rein.-con. flooring, plain foundation, 6th St. $150,000.

Kan., Chanute—Hotel—L. D. Johnson, chn. of stock company, having plans prepared by A. T. Simmons, archt., Bloomington, Ill., 5 story, 75 x 90 ft., brick, steel and rein.-con. $235,000.

Kan., Liberal—High School—Bd. Educ. having plans prepared by Smith & English, archts., Hutchinson, 3 story, brick, stone and rein.-con., $160,000.

Kan., Parsons—City and Convention Hall—Plans 2 story, brick, steel or rein.-con. $150,000. F. W. Frye, clk. Architect not selected.

Kan., Peabody—High School—Bd. Educ. having plans prepared by Mann & Gerow, archts., Hutchinson, 2 story, brick, stone and rein.-con. $150,000.

Kan., Wichita — Hotel — G. H. Siedhoff 1st and Market Sts., having plans prepared by E. Forsblom, archt., Sedgwick Bldg., 6 story, 80 x 260 ft., brick, stone and rein.-con., Douglas and Waco Aves. $500,000.

Kan., Winfield — Hospital — Stock Company, c/o Secretary Chamber Commerce, plans 3 story, brick, stone, rein.-con. and steel. $250,000. Architect not selected.

Neb., McCook—Hospital—St. Patricks Roman Catholic Church having plans prepared by Archer & Gloyd, archts., Reliance Bldg., Kansas City, Mo., 3 story, 40 x 112 ft., rein.-con., brick and stone, $150,000.

Neb., Omaha—Apartment—R. Renwick, 206 North 49th St., having plans prepared 3 story, 130 x 130 ft., rein.-con. and brick, at 115 Dundee St, $175,000. Architect's name withheld.

Neb., Papillion—Court House—Sarpy Co. having plans prepared by W. F. Gernandt, archt., Keeline Bldg., Omaha, 3 story, 64 x 93 ft., rein.-con., brick and stone, $150,000. Noted June 30.

Tex., Texline—High School—Bd. Educ. having plans prepared by Eads & McClure, archts., Chickasha, Okla., 2 story, brick, stone and rein.-con., $160,000.

Okla., Okeene—Church—Roman Catholic Church, c/o J. Francis, having plans prepared by Monett & Reid, archts., Empire Bldg., Oklahoma City, 2 story, 58 x 130 ft., rein.-con., brick, stone and steel. $150,000.

Okla., Oklahoma City — Apartment — Stock Co., c/o J. L. Dickey, 1108 West 33rd St., having plans prepared by M. Jayne, archt., 1104 1st Natl. Bank Bldg., 7 story, 150 x 200 ft., rein.-con., brick and stone, $500,000.

Col., Boulder—Gymnasium—University of Colorado, University Campus, soon receives bids, 2 story, 40 x 80 x 170 x 256 ft., $400,000. Day & Klauder, 925 Chestnut St., Phila., archts.

Col., Denver—Apartment—Country Club Apartment Co., 535 17th St., having plans prepared by H. W. J. Edbrook archt., Tabor Opera House Bldg., 6 story, rein.-con., brick and steel, concrete foundation, between Downing Blvd. and Ogden St., Ellsworth and Bayand Aves. $1,400,000.

Cal., Burbank—High School—Bd. Educ. and Allison & Allison, archts., Hibernian Bldg., Los Angeles, takes bids about Oct. 1, 1 and 2 story, 125 x 200 ft., rein.-con., brick, stone and tile, $150,000.

Cal., Orange—Auditorium—Bd. Educ. having plans prepared by Allison & Allison, archts., Hibernian Bldg., Los Angeles, 2 and 3 story, 125 x 150 ft., rein.-con., at High School, $160,000.

Cal., Santa Maria—High School—Allison & Allison, archts., Hibernian Bldg., Los Angeles, takes bids about Oct. 1, 1 and 2 story, 250 x 300 ft., concrete and brick, for Bd. Educ., $400,000.

BIDS DESIRED

Mass., Boston—Exchange—Oct. 5 by Densmore & LeClear, archts., 88 Broad St., 3 story, 40 x 60 ft., brick and concrete, concrete foundation, at 14 Belvidere St., also altering and constructing additional story to present 2 story 60 x 175 ft. building, for New England Telephone & Telegraph Co., 119 Milk St., $150,000.

Mass., Springfield—High School—Oct. 13 by Comrs. of City Property, Administration Bldg., 4 story, brick and steel, rein.-con. flooring, concrete foundation, State St. $800,000. A. H. Cote, chn. H. L. Sprague, 310 Main St., archt.

N. Y., New York—Apartment—One Ninety Eighth St. Corp., c/o C. Kreymborg, archt. and engr., 2534 Marion Ave., 5 story, brick, steel and stone, concrete pile foundation, 198th St. and Valentine Ave., Bronx. $200,-000. Work will be done by separate contracts under supervision of architect.

N. Y., Poughkeepsie—Schools—Oct. 7, by Bd. Educ., 22 Washington St., 2 story, 60 x 90 ft. addition to P. S. 7, Church St., $90,000; 2 story, 60 x 90 ft. addition to P. S. 9, Delafield St., $90,000; 2 story, 68 x 87 ft. addition to Warring School 10, Smith St., $85,000, rein.-con. and brick, plain foundations. W. J. Beardsley, Market St., archt. and engr. E. C. Smith, 39 Market St., archt. and engr. for latter.

N. J., Atlantic City—Hotel—Oct. 15, by H. H. Kline, archt., 1612 South 4th St., Phila., 5 story, 50 x 100 ft., stone, rein.-con. flooring, plain foundation, 11 South New Jersey Ave., here, for K. O. Donnell, $250,000.

Pa., Coatesville—Office—See "Industrial Works."

Pa., Phila.—Bank—Oct. 15, by R. W. Pollock, archt., 1802 Chestnut St., 2 story, 51 x 112 ft. rein.-con., brick and steel, rein.-con. flooring, at 3116 Market St., for Drovers & Merchants Bank, 3014 Market St. $175,000.

Pa., Phila.—Theater and Store—Oct. 15, by Hoffman-Henon Co., archts., Finance Bldg., 1 story, 110 x 180 ft. rein.-con., brick and steel, rein.-con. flooring, concrete foundation, at 1825-1833 Market, St. $500,000. Owner's name withheld. Noted Sept. 8.

Pa., Reading — Temple and Theatre — Rajah Theatre Corp., c/o E. C. Horn Sons, archts., 1476 Bway., New York, temple and theatre. $400,000. Work will be done by separate contract.

Pa., Stratford—Church—Oct. 12, by Italian Roman Catholic Church, c/o A. Scialabba, 2 story, 40 x 118 ft., brick, steel and stone, plain foundation, $150,000. H. G. Hammer, 1716 Spring Garden St., Phila., archt.

D. C., Wash.—High School—Oct. 20, Dist. Comrs., 509 Dist. Bldg., 3 story superstructure, including mechanical equipment. New Eastern High School, $700,000. A. L. Harris, Dist. Bldg., municipal archt. Noted Sept. 8.

N. C., Durham—School—Oct. 10, by Bd. Educ. two schools. $325,000 and $150,000. Milburn, Heister & Co., Union Savings Bank Bldg., Wash., D. C., archts. Noted June 16.

Tenn., Memphis—Club—Oct. 15, by H. J. Kramer and Regan & Weller, associated archts., Bank of Commerce Bldg., rein.-con. and tile, Adams and 3rd Sts., for Catholic Club Bldg. Assn. $300,000. P. M. Casola, pres. Noted Sept. 15.

O., Cleveland — Commercial and Apartment—J. Hoppert, 1263 East 187th St., receiving bids 2 story, 125 x 127 ft., brick, plain foundation, 18614 St. Clair Ave. $150,000. G. C. Smith, 5005 Euclid Ave., archt.

O., Lorain—High School—Oct. 20, by Bd. Educ., 2 story, 12 room, brick, steel and concrete, rein.-con. flooring, plain foundation, East 20th and Oakdale Sts., $250,-000. F. C. Warner, Hippodrome Annex Bldg., Cleveland, archt.

Mich., Flint—School—Oct. 3, by A. J. Weildanger, secy. Bd. Trustees, Union School Dist., for Durant School, rein.-con., brick and steel, rein.-con. flooring, concrete

Buildings (Continued)

foundation, West 3rd Ave. $500,000. Malcolmson, Higginbotham & Palmer, 405 Moffatt Bldg., Detroit, archts.

Ill., Blue Island — Temple — Oct. 4, by Hyde & Brown, archts., 8 South Dearborn St., Chicago, 4 story, brick, rein.-con. and steel, for Masonic Temple Assn. Calumet Lodge 716, c/o E. B. Bronson, 423 Western Ave., Chicago. $150,000.

Wis., Merrill—High and Grade Schools—Oct. 12, by School Bd. H. R. Allen, clk., 2 story addition to high school and new grade school, brick and concrete, rein.-con. flooring, plain foundation. $190,000 and $70,000 respectively.

Wis., Three Lakes — High and Grade School—Oct. 18, by Bd. Educ., c/o C. Kuney, clk., 2 story, 92 x 93 ft., rein.-con., steel and brick, rein.-con. flooring, brick foundation, Main St. $200,000. Oppenheimer & Obel, Wausau, archts. Noted July 14.

Ia., Marshalltown—School—Oct. 11, by Bd. Educ., 3 story, 73 x 147 ft., rein.-con., brick and tile. $160,000. W. Clark, secy. Tyrie & Chapman, 1200 2d Ave., Minneapolis, Minn., archts.

Kan., Lawrence—High School—Oct. 4, by Bd. Educ. and W. B. Ittner, archt., Bd. Educ. Bldg., St. Louis, Mo., 3 story, $495,000. Noted Sept. 22.

Kan., Osawatomie—Hospital—Oct. 16, by State, c/o J. A. Kimball, Topeka, 2 story, here, $150,000. R. Gamble, 1415 Fillmore St., Topkea, archt. Noted July 28.

S. D., Sioux Falls—High School—Oct. 14, by Bd. Educ., 2 story, 78 x 178 ft., rein.-con., brick, tile and stone addition, $300,000. B. S. Van Slyke, clk. Perkins & McWayne, 322 Paulton Blk., archts. Noted June 7.

Wyo., Laramie—Office—Jan. 15, by J. P. Markley, Connor Hotel Bldg., 3 story, 72 x 132 ft., brick and terra cotta. 3d and Thornberry Sts. $175,000. W. Hitchcock, Laramie, archt.

Mo., Kirksville—School—Oct. 8, by G. M. Laughlin, 3 story, 96 x 100 ft., brick and stone. $200,000. I. Dunbar, Kirksville, archt. Noted June 9.

Mo., Springfield—Temple—Oct. 4, by Ben Adhem Shrine, c/o G. Glendorf, Landeas Bldg., 3 story, 140 x 267 ft., rein.-con. and steel, rein.-con. flooring, concrete foundation, St. Louis and Kimbrough Sts., $300,000. Heckenlively & Mark, Landers Bldg., archts.

Tex., Cisco—High School—Oct. 21, by Bd. Trustees, 3 story, brick and concrete. $175,000. Robertson & Griesenbeck. S. W. Life Bldg., Dallas, archts.

Okla., Oklahoma City—Club—Oct. 4, by Hawk & Parr, archts., Magnolia Bldg., 6 story, 125 x 140 ft., rein.-con., brick and stone, for Oklahoma Club, c/o J. Shartel. $350,000. Noted Aug. 4.

BIDS RECEIVED

R. I., Howard—Hospital, etc.—Penal & Charitable Com., State House, Providence, (1) 1 and 2 story, messhall, kitchen, chapel, and several other buildings, connecting corridors, (2) two ward buildings with connecting corridors, brick and timber, plain foundations, from W. Hamlyn & Son, Greenwich St., Providence. (1) $122,713, (2) $337,537; Mahoney & Tucker, Turks Head Bldg., Providence (1) $142,000; Central Eng. Constr. Co., Slater Trust Bldg., Pawtucket, (1) $143,454, (2) $332,848; C. B. McGuire, Grosvenor Bldg., Providence, (2) $314,727.

N. Y., New York—School—Bd. Educ., 500 Park Ave., P. S. 189, Amsterdam Ave. between West 188th and 189th Sts., from E. Diebitsch & Co., 383 Madison Ave., $587,000; Frymier & Hanna Co., 25 West 45th St., $629,900; J. T. Brady & Co., 103 Park Ave., $638,840. Noted Sept. 15.

N. J., Kearny (Arlington P. O.)—High School—Bd. Educ., 2 story, brick and limestone, Devon St., from G. Dose Eng. Co., 43 West 27th St., New York, $635,113; S. Schrimshaw Co., 526 Elm St., Kearny, $641,212; E. M. Waldron, 665 Broad St., Newark, $646,956. Noted Aug. 18.

CONTRACTS AWARDED

Me., West Pownal—Home—State Hospital Comn., Augusta, 1 story, 50 x 175 ft. dining building, 2 story, 32 x 135 ft. dormitory with two 32 x 47 ft. wings, brick and steel, plain foundation, here, to H. P. Cummings Constr. Co., Fidelity Bldg., Portland, $250,000. Noted Aug. 25.

Mass., Malden—Court House—Middlesex Co. (Cambridge), 2 story, 92 x 116 ft., brick, granite and steel, rein.-con. flooring, plain foundation, Washington St., here, to Walsh Bros., 150 Hampshire St., Cambridge. $200,000.

Conn., Hamden—School—For one 2 story, 10 room on Pine St., to Larkin-Carey Co., 166 Brewery St., New Haven; 2 story, 8 room school on Woodruff St., to Loucks & Clark, Wallingford, total $160,000. Both brick, steel and concrete, plain foundations. Noted Sept. 15.

Conn., New Haven — Apartment — S. Ladinsky, 40 Archt St., 3½ story, 132 x 160 ft., brick and steel, plain foundation, Whitney Ave. Work will be done by day labor.

N. Y., Brooklyn — Apartment — M. Halperin, 7 Bond St., 6 story, 100 x 100 ft., brick, steel and stone, concrete pile foundation, 4th St. and 8th Ave. $400,000. Work will be done by day labor. C. Infanger & Son, 2634 Atlantic Ave., archts and engrs.

N. Y., Cortland—Institution—Delano & Aldrich and C. H. Higgins, archts., 19 West 44th St., New York, group of buildings, brick and stone, brick foundations, here, near Croton-on-Hudson, to E. C. Brown Co., 70 East 45th St., New York, for Valeria Home, 7 East 42nd St., New York. $1,000,000. Noted Sept. 1.

N. Y., Elmhurst (Flushing P. O.)—Apartments—Jackson Heights Apartment Corp., Bridge Plaza, Long Island City, several brick and stone apartments, concrete pile foundations, here, to D. P. Robinson, 125 East 46th St., New York. $3,000,000.

N. Y., New York — Apartment—S. W. Straus & Co., 150 Bway., 50 x 100 ft., brick, steel and stone, concrete, pile foundation, 34 East 51st St., to F. F. French, Madison Ave. and 41st St., $600,000.

N. Y., New York—Community—Federation Settlement, Inc., 240 East 105th St., 5 story, 60 x 100 ft., brick and stone, brick foundation, 115-119 East 106th St., to Hegeman-Harris Co., 185 Co., 185 Madison Ave. $190,000. Noted Feb. 3.

N. Y., Perrysburg — Hospital — City of Buffalo, Municipal Bldg., additions to present buildings also various new buildings, here, to J. W. Cowper Co., Fidelity Bldg., Buffalo, $689,830. Noted Sept. 15.

N. J., Hackensack — Hospital — Crow, Lewis & Wick, archts. and engrs., 200 5th Ave., New York, to White Constr. Co., Hackensack, 6 story hospital, here, for Managers Hackensack Hospital. $700,000. Noted Sept. 22.

N. J., Morris Plains — Hospital — State Hospital, Comn., Trenton, general contract for 8 buildings, here, to C. J. Smith, 200 Academy St., Trenton, $216,575; plumbing, to Jeahnig & Peoples, 221 13th Ave., Newark, $21,246; heating, to G. J. Tobin, 187 North Ave., Plainfield, $28,771.

Pa., Glenside—Theater—Glenside Realty Co., 1 story, 65 x 108 ft. brick and steel, rein.-con. flooring, Carmel Ave., to Potts Bros. & Cooperson, 129 North 11th St., Phila., $150,000. Noted June 2.

Pa., Phila.—School—School Bd., 19th and Chestnut Sts., 3 story, 146 x 170 ft., rein.-con., brick and steel, rein.-con. flooring, concrete foundation, 7th and Morris Sts., to Wark Co., Broad and Walnut Sts., $314,000.

Pa., Scranton—Exchange—Bell Telephone Co., 17th and Arch Sts., 3 story, 120 x 120 ft. rein.-con., brick and steel, rein.-con. flooring, Adams Ave., to Central Constr. Co., Commonwealth Bldg., Harrisburg. Noted May 19.

Md., Salisbury—Church—G. E. Savage, archt., Witherspoon Bldg., Phila., 1 story, 100 x 125 ft. concrete and steel, rein.-con. flooring, rock foundation, to Hastings & Parsons, Salisbury, for Berbeda Methodist Church, $150,000. Noted Sept. 8.

D. C., Wash.—Building—Secretary Dept. Interior, home economics and dining hall, Howard University, general contract to Consolidated Eng. Co., Calvert Bldg., Baltimore, Md., $156,000; heating, plumbing and gas, Federal Heating Co., 310-13th St., N. W., $14,100; steel, Bethlehem Fabricators, Inc., Lehigh Ave., Bethlehem, Pa., $14,055. Noted Sept. 1.

N. C., Raleigh — School — State Bd. Educ., 3 story, 61 x 184 ft., rein.-con., to C. B. York Constr. Co., Raleigh. About $195,000.

Ala., Birmingham — Bank — Birmingham Trust & Savings Co., 112 North 20th St., 3 story, 80 x 140 ft., rein.-con., brick and steel, rein.-con. flooring, 20th St., to Day & Sachs, Farley Bldg. $420,000; cost plus percentage basis.

Ala., Birmingham — Temple — Masonic Bodies, 3 story, 120 x 140 ft. rein.-con., granite and steel, on 6th Ave. N. and 19th St., to Smallman & Brice, 1115 Ave. E., $825,000; cost plus percentage basis.

O., Oberlin—High School—Bd. Educ., 2 story, 75 x 180 ft., brick, steel and concrete, rein.-con. flooring, plain foundation, from Willing Bros., Bellevue, $214,680; R. G. Witters, 1539 Harvard Court, N. W., Canton, $219,496. Noted Sept. 8.

Ind., Indianapolis—Church — Tabernacle Presbyterian Church, 11th St. and Meriden Circle, 1 story, brick, steel and concrete, rein.-con. flooring, plain foundation, to E. A. Wehr Co., Highland Bldg., Pittsburgh, Pa. $150,000. Noted Aug. 4.

Mich., Detroit—Police Station and Armory—Police Dept., Bates and Farmer Sts., 9 story, 117 x 172 ft. police station and 3 story, 99 x 168 ft. armory, rein.-con., brick, steel and stone, rein.-con. flooring, concrete foundation, St. Antoine St., to O. Misch Co., Detroit Savings Bank Bldg., $784,300. Noted Sept. 22.

Ill., Centralia — Bank and Office—City Natl. Bank, 5 story, 50 x 90 ft., brick, stone, steel and concrete, to Dickie Constr. Co., Syndicate Trust Bldg., St. Louis, Mo., $200,000. Noted Aug. 11.

Ill., Freeport—Theatre—J. Dittman, 149 Carroll St., 1 story, 90 x 140 ft., rein.-con., brick and terra cotta, to H. M. Wiley, 6623 Lowe Ave., Chicago, $150,000. Noted Sept. 15.

Ill., Kankakee—Club—Knights of Columbus, 6 story, 75 x 160 ft., rein.-con. and brick, to Honde Constr. Co., Legris Bldg., $150,000.

Ill., Moline—Apartment Hotel—F. L. Cornwall, La Salle Bldg., St. Louis, Mo., 15 story, 68 x 150 ft., rein.-con., brick, terra cotta and steel, $900,000. Work will be done by day labor. A. D. Gates, Moline, superintends construction. Noted Sept. 8.

Ill., Peoria—Apartment—J. Szold and associates, c/o Hewitt & Emerson, archts., Peoria Life Bldg., 3 story, 65 x 91 ft. brick, rein.-con. and stone, to W. Allen & Son, Jefferson Bldg., $150,000. Noted Sept. 1.

Neb., Hastings — Dormitory — Hastings College 4 story, 70 x 109 ft., rein.-con. and brick, to Hemmingway Constr. Co., Brandeis Bldg., Omaha, $150,000. Noted Aug. 4.

Mo., St. Louis—Hospital—E. A. Hadley, engr., Ry. Exch. Bldg., to J. Stewart & Co., Boatmens Bank Bldg., 7 story, 121 x 182 ft., brick, stone and concrete, Grand St. and Shaw Ave., for Missouri Pacific Ry., California and Eads Sts., $500,000. Noted Sept. 8.

Tex., Beaumont—Office—San Jacinto Life Insurance Co., 12 story, 60 x 115 ft., to J. Stewart, 214 1st Natl. Bank Bldg., Houston, $600,000.

Cal., Anaheim—Store and Office—S. Kraemer, 2 story, 135 x 135 ft., rein.-con., brick and steel, rein.-con. foundation, West Center St., to Wilson & Bever, Anaheim. $154,000.

Cal., Long Beach—Apartment House—Findley Constr. Co. and associates, 2nd Pl. and East Ocean Blvd., 7 story, 55 x 172 ft., rein.-con., pressed brick, terra cotta, tile and marble, East Ocean Blvd, $275,000. Work will be done by day labor.

Federal Government Work

PROPOSED WORK

Ill., Chicago—Radio Station—Spec. 4515—Bureau Yards & Docks, Navy Dept., Wash., D. C., rejected bids relocation radio station, Municipal Pier, here. Work will be done by yard labor. Noted Sept. 22.

BIDS DESIRED

Mass., Hull — Heating system — Oct. 13, Office Constructing Quartermaster, Coast Defenses Boston and Narragansett Bay, Boston, steam heating system N.C.O. Quarters, 5, Ft. Revere, here.

Md., Indian Head—Drainage, etc.—Spec. 4428—Oct. 5, by Bureau Yards & Docks, Navy Dept., Wash., D. C., draining, grading, and waterproofing cooling pond, here. Noted April 28.

D. C., Anacostia—Storehouse—Spec. 4516—Oct. 12, Bureau Yards & Docks, Navy Dept., Wash., D. C., for pigeon supplies, here.

Va., Quantico — Water Supply Main — Spec. 4513—Oct. 12, Bureau Yards & Docks, Navy Dept., Wash., D. C., extending c. i. supply mains, here. Noted Sept. 1.

Ill., Chicago—Recreation Building—Oct. 17, by Treas. Dept., Wash., D. C., including mechanical equipment, for U. S. Public Health Service Hospital 2, Broadview, here. J. A. Wetmore, acting superv. archt.; adv. this issue.

Ia., Sioux City—Mailing Vestibule—Oct. 18, Treas. Dept., Wash., D. C., at U. S. Post Office, Court House and Custom House, here. J. A. Wetmore, acting superv. archt.

Ark., North Little Rock—Fire Alarm System—Oct. 20, Treas. Dept., Wash., D. C., in U. S. Public Health Service Hospital, Ft. Logan H. Roots, here. J. A. Wetmore, acting superv. archt.

Tex., Port Arthur—Operating Building—Spec. 4511—Oct. 12, Bureau Yards & Docks, Navy Dept., Wash., D. C., radio operating building, here. Noted Sept. 1.

N. M., Ft. Stanton—Repairs—Oct. 19, Treas. Dept., Wash., D. C., New Mexico Sanatorium, here. J. A. Wetmore, acting superv. archt.

Wash., Seattle—Emergency Dams—Oct. 22 (change of date) by U. S. Engineer for Lake Washington Ship Canal Locks, here; adv. this issue. Noted Aug. 11.

CONTRACTS AWARDED

Mass., South Boston (Boston P. O.)—Crane—Spec. 4478—Bureau Yards & Docks, Navy Dept., Wash., D. C., one 50-ton steam locomotive jib crane, Naval dry dock, here, to McMyler-Interstate Co., Stop 27, ABC Line, Bedford, O., $144,667 (250 days). Noted Aug. 11.

R. I., Newport—Refrigerating Equipment—Spec. 4499—Bureau Yards & Docks, Navy Dept., Wash., D. C., in Naval Station Hospital, here, to York Mfg. Co., York, $5,702 (60 days). Noted Sept. 15.

Pa., Phila. — Dredging — U. S. Engineer, Room 815, Witherspoon Bldg., dredging and rock removal, Schuylkill River, here, to P. Ross, Inc., 277 Washington St., Jersey City, N. J., $125,065. Noted Sept. 15.

D. C., Wash. — Heating System — Spec. 4510—Bureau Yards & Docks, Navy Dept., alterations and additions to steam distributing system, Naval Hospital, to J. W. Danforth Co., 72 Ellicott St., Buffalo, N. Y., $25,242. Noted Sept. 22.

N. C., Greensboro—Alterations to Post Office—Treas. Dept., Wash., D. C., altering basement and floors, U. S. Post Office, here, to Northeastern Constr. Co., Charlotte, $11,996. Noted Aug. 25.

Ill., Belleville—Airship Hangar—Chief Construction Service, Room 2242 Munitions Bldg., Wash., D. C., complete, including boiler-house, gas holder, roads, etc., at Scott Field, here, to W. M. Southerland Building and Contg. Co., Syndicate Trust Bldg., St. Louis, Mo., $1,043,492 (300 days). Noted Sept. 22.

Ill., Chicago—Deep Wells—Treas. Dept., Wash., D. C., deep well and pumping plant U. S. Public Health Service Hospital 2, Broadview, here, to F. M. Gray, Jr., 105 Wells Bldg., Milwaukee, Wis., $37,000. Noted Sept. 22.

Mich., Detroit—Dredging, etc.—U. S. Engineer, dredging and rock excavation, Livingston Channel, Detroit River, to Dunbar Dredging Co., Detroit, $414,500. Noted Aug. 25.

Ill., Rock Island—Cement—U. S. Engineer, 18,000 bbl. to Moline Consumers Co., 310 15th St., Moline, $41,886.

Wash., Puget Sound—Crane—Spec. 4478—Bureau Yards & Docks, Navy Dept., Wash., D. C., one 50-ton steam locomotive jib crane, Navy Yard, here, to McMyler-Interstate Co., Stop 27 ABC Line, Bedford, O., $162,899 (280 days). Noted Aug. 11.

Cal., San Diego — Dredgng and Filling, etc.—Spec. 4485—Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract dredging and filling, repairing base, Navy Yard, here, to San Francisco Bridge Co., 14 Montgomery St., San Francisco, at $0.2015 per cu.yd. (200 days). Noted Sept. 15.

H. T., Pearl Harbor—Machine Shop—Spec. 4464—Bureau Yards & Docks, Navy Dept., Wash., D. C., 1 story, 181 x 520 ft., steel superstructure, at Naval Station, here, to C. A. Blume, 1309 6th Ave., San Francisco, Cal., $45,825 (170 days). Noted Aug. 11.

Miscellaneous

PROPOSED WORK

Hydro-Electric Development—Lenoir, N. C.—Caldwell Power Co. plans hydro-electric power development on Wilsons Creek, to develop not less than 3,000 hp., $50,000. Tucker & Laxton, Realty Bldg., Charlotte, engrs.

Wharf — New Orleans, La. — Bd. Port Comrs. plan repairing Celeste St. wharf, steel superstructure, $600,000. H. M. Gallagher, 1 Canal St., ch. engr.

Concrete Mixer — Kaukauna, Wis. — J. Coppes plans to purchase ½ yd. concrete mixer.

Hydro System — Brigden, Ont. — Moore Twp. plans system to supply part of township and Corunna. $30,000. V. A. Beacock, 190 University Ave., Toronto, engr.

Incinerator — Chatham, Ont. — Election Nov. 8, to vote on $40,000 bonds for incinerator. Address A. Brisco, mayor.

Hydro Lighting and Power System—Camlachie, Ont.—Plympton Twp. plans electric light and power system. $75,000. A. Lawler, 190 University Ave., Toronto, engr.

Hydro System—Centralia, Ont.—Plans new plant for lighting and power distribution, $25,000. J. N. Wilson, 190 University Ave., Toronto, engr.

Electric Light and Power System—Crediton, Ont.—Plans new plant for lighting and power distribution, $33,000. J. N. Wilson, 190 University Ave., Toronto, engr.

Hydro Lighting and Power System—Grand Bend, Ont.—Plans electric lighting and power distribution system, $25,000. H. W. Doer, Exeter, engr.

Hydro System — Petrolea, Ont. — Enniskillen Twp. plans lighting and power distribution system for entire township and towns of Oil City and Marthaville, $60,000. V. A. Beacock, 190 University Ave., Toronto engr.

Trackless Trolley System—Windsor, Ont.—Plans trackless trolley system. O. M. Perry, City Hall, engr.

BIDS DESIRED

Dock Wall, etc.—Buffalo, N. Y.—Oct. 10, Pub. Wks. Comn., Municipal Bldg., Sect. 2, dock wall in Buffalo Harbor, also channel improvement and dock wall in Buffalo River west of Ohio St. Bridge. Noted Sept. 22.

Inorganic Dust—New York, N. Y.—Oct. 4, by H. H. Curran, pres. Manhattan Boro, Municipal Bldg., furnishing and delivering 1,500 tons inorganic dust. $10,000. Former bids rejected. Noted Sept. 22.

Cut Stone—Wash., D. C.—Oct. 22, at office Public Bldg. and Grounds, cut stone for granite copying; adv. this issue. Noted Sept. 8.

Steam Shovel — Cincinnati, O. — Queen City Crushed Stone & Gravel Co., 9th and Vine Sts., receiving bids steam shovel, ¾ or 1 cu.yd. bucket, steam driven, full revolving, Erie or Bucyrus preferred. H. P. Lange, purch. agt.

Electrical Equipment—Detroit, Mich.—Oct. 14, by Bd. Rd. Comrs. Wayne Co., 312 County Bldg., electrical equipment for double leaf bascule bridge crossing River Rouge on West Jefferson Ave.; adv. this issue.

Improving Piers, etc.—Montreal, Que.—Chairman Administrative Comn. receiving bids repairing guard piers, $24,000, shore cribs, $24,000, inlet through entrance dam, $10,000, overflows, $10,000, coping, $97,000.

Incinerator—Montreal, Que.—Oct. 20, by Chairman Administrative Comn., incinerator plant on Cremazie Rd., 300 ton capacity per 24 hours. $150,000. A. E. Doucet, City Hall, dir. pub. wks.

Jetty—New Westminster, B. C.—Oct. 26, by R. C. Desrochers, secy. Dept. Pub. Wks., Ottawa, third section of Steveston jetty at mouth of Fraser River, here. $50,000.

BIDS RECEIVED

Cement—Wash., D. C.—Dist. Comrs., 509 Dist. Bldg., 50,000 bbl., from Rosslyn Steel & Cement Co, Woodward Bldg., Rosslyn, Va., $2.24 per bbl.; Natl. Mortar Co., 101 M St., N. E., $2.25; Hudson Cement & Supply Co., Wash., $2.33.

CONTRACTS AWARDED

Coal Elevators and Pockets, etc.—New Haven, Conn.—T. C. Hadden Co., 195 Church St., 6 steel coal elevators and pockets, to Speciality Eng. Co., Trenton St., Phila., 60 x 80 ft. and 23 x 23 ft. grain elevators, to Hamden Constr. Co., 100 Putnam Ave., total $50,000.

Dock Wall—Buffalo, N. Y.—Pub. Wks Comn., Municipal Bldg., dock wall in Buffalo Harbor, Sect. 1, to G. Parks & Son, 217 15th St., $39,799. Noted Sept. 22.

Incinerator—Brooklyn, N. Y.—Dept. Pub. Welfare, Municipal Bldg., New York, garbage incinerator at Kings Co. Hospital, here, from T. A. Reilly Co., 46 East 41st St., New York, $18,875. Ettinger Contg. Co., $23,442. Noted Sept. 15.

Ferry Houses, etc.—Palmyra, N. J.—Tacony Ferry Co., c/o G. F. Sale, Liberty Bldg., Phila., timber and concrete ferry landing or wharf, 60 ft. wide, 180 ft. long with appurtenant bridge, etc., at foot Cinnaminson Ave., here, to S. E. Browne Co., 90 West St., New York, $38,491. Noted Aug. 4.

Piers — Phila., Pa. — Dept. Wharves, Bourse Bldg., superstructure Chestnut St. Pier 4, to J. S. Rogers Co., Drexel Bldg., $298,700. Noted Aug. 18.

Transmission Line and Equipment—Sheboygan, Wis.—Eastern Wisconsin Electric Co., c/o H. R. Ellis, mgr. electric transmission line from here to Fond du Lac and Oshkosh, to Eau Claire Electric Equipment Co., 308 Eau Claire St., Eau Claire, $500,000. Noted Sept. 8 under "Industrial Works."

Asphalt—St. Paul, Minn.—For 101 tons asphalt for paving Jefferson Ave. from Snelling Ave. to Fredericks St., from Roxanna Petroleum Co., 208 South Harrison St., Chicago, $20.50 per ton tank cars; Minnesota Rd. Equipment Co., 427 Plymouth Bldg., Minneapolis, $21.45; Standard Oil Co., of New Jersey, 3d and Commercial Sts., $23.75.

Incinerator — Dallas, Tex. — Four incinerator plants, to Superior Garbage Incinerator Co., Praetorian Bldg., $154,387. Noted Sept. 8.

Pier and Rip Rap—Aberdeen, Wash.—Grays Harbor Port Comn., Cows Point, 800 ft. pier, 300 ft. wide, driving and capping 195,000 lin. ft. piling, decking 165,000 sq.ft. wharf, placing approximately 15,000 ton stone rip rap, to Grays Harbor Constr. Co., Hoquiam, $141,768.

Culverts—Ontario—Dept. Highways, Toronto, concrete culverts, Contr. 270 and 449, to J. A. Vance, Woodstock, $17,000 and $6,000 respectively; Contr. 447, W. Clark & Sons, Owen Sound, $7,000; Contr. 448, G. H. Connibear, 265 St. Clair Ave., Chatham, $6,000; Contr. 450, Curran & Briggs, 51 Rushholme Park Crescent, Toronto, $6,000; Contr. 451 Murphy Constr. Co., 8 Wychwood Park, Toronto, $16,000; Contr. 452, W. G. Gibson, King St., Port Hope, $6,000.

OFFICIAL PROPOSALS

Bids: Oct. 17.

Paving and Culverts

Southport, N. C.

Sealed proposals, on blank forms furnished by the county, addressed to the Board of County Commissioners of Brunswick County, N. C., at Southport, N. C., will be received until 2 o'clock p.m., Oct. 17, 1921, for furnishing all material, equipment and labor for the following work:

Approximately 74,000 square yards of sheet asphalt, asphaltic concrete or Warrenite-Bitulithic road paving, complete with the necessary curb and pipe drainage; also approximately twelve concrete culverts, all as adopted by said board.

Each bid shall be accompanied by a certified check for at least five thousand ($5,000) dollars. Certified check shall be made payable to the chairman of the Board of Commissioners of Brunswick County, N. C. A satisfactory "bidder's bond" will be accepted in lieu of a certified check.

The right is reserved to reject any or all bids.

Plans and specifications can be seen at the office of the Register of Deeds, at Southport, N. C., and at the office of the Engineers at Elberton, Ga. Copies of the plans and specifications may be obtained from the Engineers upon payment of twenty-five ($25) dollars, fifteen dollars of which will be refunded upon their return in good condition.

Specifications may be obtained from Engineers upon payment of two ($2) dollars.

JOHN JENRETTE, Chairman.
W. H. WALKER,
Register of Deeds and Ex Officio Clerk of the Board of County Commissioners.
H. S. JAUDON ENGINEERING CO.,
Engineers, Elberton, Ga.

Bids: Oct. 24.

Pumping Machinery

City of Salem, New Jersey.

Sealed proposals, marked "Proposals for Pumping Machinery" and addressed to William B. Dunn, City Recorder, Salem, New Jersey, will be received until ten forty-five (10.45) o'clock a.m., on Monday, Oct. 24, 1921, at the City Council Chamber, for the furnishing of all of the materials and labor required for the installation of High Service Pumping Machinery in one Three Million Gallon Unit, and Low Service Pumping Machinery in one Three Million Gallon Unit, on concrete foundations to be furnished and installed by the City of Salem.

Specifications and information may be obtained at the office of Mr. William H. Boardman, Engineer, 426 Walnut St., Philadelphia, or at the office of the undersigned.

A certified check for $500 drawn to the order of "The City of Salem, New Jersey," or equivalent bidder's bond, must be accompany each proposal.

The City of Salem reserves the right to reject any or all proposals, or to accept any proposal subject to such modifications as the Engineer may recommend at any time prior to the signing of the contract.

WILLIAM B. DUNN,
City Recorder.
Salem, New Jersey.

Bids: Oct. 4.

Dragline Machine

Greenville, Miss.

Sealed bids for the purchase of a dragline machine with caterpillar or similar traction arrangement and equipped with internal combustion engine will be received by the County Board of Drainage Commissioners of Washington County, Mississippi, up to 11:30 o'clock a.m., on Tuesday, Oct. 4, 1921.

Further information on request.

O. C. KULICKA, Sec. and Treas.,
Greenville, Miss.

The publication of an advertisement on this page is an official notice that bids are wanted from other than local bidders.

It is also a guarantee that maximum competition is invited because Engineering News-Record is the *one* nationally recognized medium for Proposal advertising. Its Searchlight Section is read each week by nearly every worth-while contractor in this country who bids on public work outside his own city.

Official Proposals reaching our office in first mail Tuesday morning (10 o'clock) can usually be published in the issue out the following Thursday. Special price for Official Proposals, 40 cents a line.

Bids: Oct. 7.

Highway Work

Albany, N. Y.

Sealed proposals will be received by the undersigned at their office, No. 55 Lancaster Street, Albany, N. Y., at 12 o'clock noon, eastern standard time, on Friday, the 7th day of October, 1921, for the improvement of highways in the following counties:

Chenango	(one highway: 0.72)
Essex	(one highway: 3.53)
Herkimer	(one highway: 1.09)
Orange	(one highway: 0.74)
Rockland	(one highway: 1.07)
Seneca	(one highway: 0.72)
Steuben (one completion)	(two highways: 6.00 and 4.16)
Suffolk	(one highway: 7.13)
Westchester	(one highway: 2.76)

Also for the reconstruction of the following:

Cattaraugus	(one contract)
Schenectady	(one contract)
Tioga	(one contract)
Westchester	(one contract)

Maps, plans, specifications and estimates may be seen and proposal forms obtained at the office of the Commission in Albany, N. Y., and also at the office of the division engineers in whose division the roads are to be improved or reconstructed. The addresses of the division engineers and the counties in which they are in charge will be furnished upon request.

The especial attention of bidders is called to "General Information for Bidders" in the itemized proposal, specifications and contract agreement.

HERBERT S. SISSON,
Commissioner.
J. C. FINCH,
Secretary.

Bids: Oct. 3.

Paving

Klamath Falls, Ore.

The City of Klamath Falls, Oregon, is calling for proposals to be opened Oct. 3, 1921, on approximately 45,000 yards paving, inviting proposals on bitulithic, concrete, willite and asphaltic concrete, including grading, curbing and drainage. Proposals to be made on blanks furnished by the City Engineer, to be accompanied by certified check for 5 per cent of bid. For detailed information address City Engineer Don J. Zumwalt.

A. L. LEAVITT, Police Judge.

Bids: Oct. 6.

South End Bridge

Springfield, Mass.

Sealed lump sum proposals for furnishing, fabricating, erecting and painting all necessary material for the strengthening of the South End Bridge over Connecticut River, between the City of Springfield and the Town of Agawam, Hampden County, Mass., will be received at the office of the City Clerk, Room 105, Administration Building, Springfield, Mass., until Twelve o'clock noon, Thursday, Oct. 6, 1921, at which time they will be publicly opened and read.

The work to consist of renewing 32 members of the existing eight thru lattice truss spans, while the trusses remain in their present position, the adding of lattice bracing to all bottom chords of end panels of the 16 trusses, the adding of cover plates and web strengthening plates to the 99 floor beams and the erecting of 14 additional steel posts on present masonry piers to support the floor system. The length of the structure to be strengthened is 1349 ft. and the width is 21 ft. 4 in. center to center of trusses.

Plans, specifications, proposal blanks and forms of contract and bond may be obtained at the office of the Superintendent of Streets and Engineering, Room 326 Administration Building, Springfield, Mass.

The City of Springfield will remove all existing wood flooring and will furnish and install all new wood flooring.

All proposals must be addressed to the Board of Supervisors, City of Springfield, Mass., and the envelope conspicuously endorsed, "Proposal for Strengthening the Steel Superstructure of the South End Bridge." Proposals must be made upon the forms prepared for the purpose, fully filled in, dated and signed. Proposals of other form or not properly filled in will be rejected.

Every proposal must be accompanied by a certified check in the amount of One Thousand ($1,000) Dollars, made payable to the Treasurer of the City of Springfield, which check will be returned to the bidder upon rejection of his proposal or upon his executing the contract and filing a satisfactory bond if his proposal is accepted. Should a bidder whose proposal is accepted refuse or neglect to sign the contract, or fail to furnish a satisfactory bond, the City will deduct from the $1,000 check an amount equal to the difference between bid first accepted and the amount of the contract as finally let. This deduction by the City will be as liquidated damages and not as a penalty.

The bidder whose proposal is accepted will be required to furnish at his expense and file with the City, within ten days from the award, a surety bond duly executed by a surety company authorized to do business within the Commonwealth of Massachusetts, in the amount of Twenty Thousand ($20,000) Dollars for the faithful performance of the contract.

Bidders must state in their proposal the time in which they will agree to complete the work if awarded the contract. This time of completion will be embodied in the contract and made an essential part therof. Bidders shall, upon request, furnish the Board of Supervisors with adequate evidence of their ability to correctly and expeditiously perform the work if awarded the contract.

The Board of Supervisors expressly reserves the right to reject any or all proposals and the right to accept any proposal, or to award the work as deemed to the best interests of the City. Written notification of the acceptance of any proposal sent by Registered Mail to the address given on the proposal form shall be considered an adequate notice of award.

Department of Streets and Engineering, Springfield, Massachusetts.

By ROBERT P. MARSH,
Superintendent.